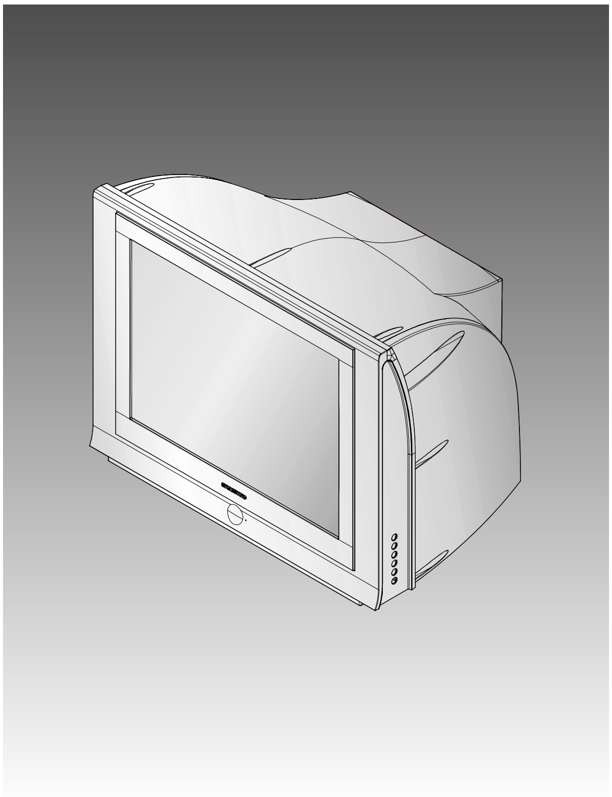
SAMSUNG

COLOR TELEVISION RECEIVER

Chassis : KS4A(P)_Rev.1
Model : CS34Z6HF9X/FES

SERVICE Manual

COLOR TELEVISION RECEIVER



CONTENTS

ELECTRONICS

Printed in Korea
AA82-00897A

1. Precautions

Follow these safety, servicing and ESD precautions to prevent damage and protect against potential hazards such as electrical shock and X-rays.

1-1 Safety Precautions

1. Be sure that all of the built-in protective devices are replaced. Restore any missing protective shields.

2. When reinstalling the chassis and its assemblies, be sure to restore all protective devices, including: nonmetallic control knobs and compartment covers.

3. Make sure that there are no cabinet openings through which people—particularly children—might insert fingers and contact dangerous voltages. Such openings include the spacing between the picture tube and the cabinet mask, excessively wide cabinet ventilation slots, and improperly fitted back covers.

   If the measured resistance is less than 1.0 megohm or greater than 5.2 megohms, an abnormality exists that must be corrected before the unit is returned to the customer.

4. Leakage Current Hot Check (Figure 1-1): Warning: Do not use an isolation transformer during this test. Use a leakage-current tester or a metering system that complies with American National Standards Institute (ANIS C101.1, Leakage Current for Appliances), and Underwriters Laboratories (UL Publication UL1410, 59.7).

5. With the unit completely reassembled, plug the AC line cord directly into the power outlet. With the unit's AC switch first in the ON position and then OFF, measure the current between a known earth ground (metal water pipe, conduit, etc.) and all exposed metal parts, including: antennas, handle brackets, metal cabinets, screwheads and control shafts. The current measured should not exceed 0.5 milliamp. Reverse the power-plug prongs in the AC outlet and repeat the test.

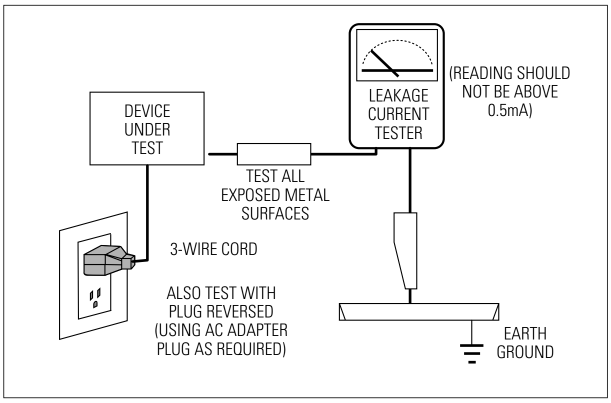


Fig. 1-1 AC Leakage Test

6. Antenna Cold Check:
   With the unit's AC plug disconnected from the AC source, connect an electrical jumper across the two AC prongs. Connect one lead of the ohmmeter to an AC prong. Connect the other lead to the coaxial connector.

7. X-ray Limits:
   The picture tube is especially designed to prohibit X-ray emissions. To ensure continued X-ray protection, replace the picture tube only with one that is the same type as the original. Carefully reinstall the picture tube shields and mounting hardware; these also provide X-ray protection.

8. High Voltage Limits:
   High voltage must be measured each time servicing is done on the B+, horizontal deflection or high voltage circuits.
   Correct operation of the X-ray protection circuits must be reconfirmed whenever they are serviced.
   (X-ray protection circuits also may be called "horizontal disable" or "hold-down".)

   Heed the high voltage limits. These include the X–ray Protection Specifications Label, and the Product Safety and X-ray Warning Note on the service data schematic.

1-1 Safety Precautions (Continued)

9. High voltage is maintained within specified limits by close-tolerance, safety-related components and adjustments. If the high voltage exceeds the specified limits, check each of the special components.

10. Design Alteration Warning:
Never alter or add to the mechanical or electrical design of this unit. Example: Do not add auxiliary audio or video connectors. Such alterations might create a safety hazard. Also, any design changes or additions will void the manufacturer’s warranty.

11. Hot Chassis Warning:
Some TV receiver chassis are electrically connected directly to one conductor of the AC power cord. If an isolation transformer is not used, these units may be safely serviced only if the AC power plug is inserted so that the chassis is connected to the ground side of the AC source.

    To confirm that the AC power plug is inserted correctly, do the following: Using an AC voltmeter, measure the voltage between the chassis and a known earth ground. If the reading is greater than 1.0V, remove the AC power plug, reverse its polarity and reinsert. Re-measure the voltage between the chassis and ground.

12. Some TV chassis are designed to operate with 85 volts AC between chassis and ground, regardless of the AC plug polarity. These units can be safely serviced only if an isolation transformer inserted between the receiver and the power source.

13. Some TV chassis have a secondary ground system in addition to the main chassis ground. This secondary ground system is not isolated from the AC power line. The two ground systems are electrically separated by insulating material that must not be defeated or altered.

14. Components, parts and wiring that appear to have overheated or that are otherwise damaged should be replaced with parts that meet the original specifications. Always determine the cause of damage or overheating, and correct any potential hazards.

15. Observe the original lead dress, especially near the following areas: Antenna wiring, sharp edges, and especially the AC and high voltage power supplies. Always inspect for pinched, out-of-place, or frayed wiring. Do not change the spacing between components and the printed circuit board. Check the AC power cord for damage. Make sure that leads and components do not touch thermally hot parts.

16. Picture Tube Implosion Warning:
The picture tube in this receiver employs “integral implosion” protection. To ensure continued implosion protection, make sure that the replacement picture tube is the same as the original.

17. Do not remove, install or handle the picture tube without first putting on shatterproof goggles equipped with side shields. Never handle the picture tube by its neck. Some “in-line” picture tubes are equipped with a permanently attached deflection yoke; do not try to remove such “permanently attached” yokes from the picture tube.

18. Product Safety Notice:
Some electrical and mechanical parts have special safety-related characteristics which might not be obvious from visual inspection. These safety features and the protection they give might be lost if the replacement component differs from the original—even if the replacement is rated for higher voltage, wattage, etc.

    Components that are critical for safety are indicated in the circuit diagram by shading, (⚠) or (⚠).
    Use replacement components that have the same ratings, especially for flame resistance and dielectric strength specifications.
    A replacement part that does not have the same safety characteristics as the original might create shock, fire or other hazards.

1-2 Servicing Precautions

Warning1: First read the “Safety Precautions” section of this manual. If some unforeseen circumstance creates a conflict between the servicing and safety precautions, always follow the safety precautions.
Warning2: An electrolytic capacitor installed with the wrong polarity might explode.

1. Servicing precautions are printed on the cabinet. Follow them.

2. Always unplug the unit’s AC power cord from the AC power source before attempting to: (a) Remove or reinstall any component or assembly, (b) Disconnect an electrical plug or connector, (c) Connect a test component in parallel with an electrolytic capacitor.

3. Some components are raised above the printed circuit board for safety. An insulation tube or tape is sometimes used. The internal wiring is sometimes clamped to prevent contact with thermally hot components. Reinstall all such elements to their original position.

4. After servicing, always check that the screws, components and wiring have been correctly reinstalled. Make sure that the portion around the serviced part has not been damaged.

5. Check the insulation between the blades of the AC plug and accessible conductive parts (examples: metal panels, input terminals and earphone jacks).

6. Insulation Checking Procedure: Disconnect the power cord from the AC source and turn the power switch ON. Connect an insulation resistance meter (500V) to the blades of the AC plug.

   The insulation resistance between each blade of the AC plug and accessible conductive parts (see above) should be greater than 1 megohm.

7. Never defeat any of the B+ voltage interlocks. Do not apply AC power to the unit (or any of its assemblies) unless all solid-state heat sinks are correctly installed.

8. Always connect a test instrument’s ground lead to the instrument chassis ground before connecting the positive lead; always remove the instrument’s ground lead last.

1-3 Precautions for Electrostatically Sensitive Devices (ESDs)

1. Some semiconductor ("solid state") devices are easily damaged by static electricity. Such components are called Electrostatically Sensitive Devices (ESDs); examples include integrated circuits and some field-effect transistors. The following techniques will reduce the occurrence of component damage caused by static electricity.

2. Immediately before handling any semicon ductor components or assemblies, drain the electrostatic charge from your body by touching a known earth ground. Alternatively, wear a discharging wrist-strap device. (Be sure to remove it prior to applying power—this is an electric shock precaution.)

3. After removing an ESD-equipped assembly, place it on a conductive surface such as aluminum foil to prevent accumulation of electrostatic charge.

4. Do not use freon-propelled chemicals. These can generate electrical charges that damage ESDs.

5. Use only a grounded-tip soldering iron when soldering or unsoldering ESDs.

6. Use only an anti-static solder removal device. Many solder removal devices are not rated as "anti-static"; these can accumulate sufficient electrical charge to damage ESDs.

7. Do not remove a replacement ESD from its protective package until you are ready to install it. Most replacement ESDs are packaged with leads that are electrically shorted together by conductive foam, aluminum foil or other conductive materials.

8. Immediately before removing the protective material from the leads of a replacement ESD, touch the protective material to the chassis or circuit assembly into which the device will be installed.

9. Minimize body motions when handling unpackaged replacement ESDs. Motions such as brushing clothes together, or lifting a foot from a carpeted floor can generate enough static electricity to damage an ESD.

2. Reference Information

2-1 Tables of Abbreviations and Acronyms

Table 2-1 Abbreviations

A	Ampere	MV	Megavolt
Ah	Ampere-hour	MW	Megawatt
Å	Angstrom	MΩ	Megohm
dB	Decibel	m	Meter
dBm	Decibel Referenced to One Milliwatt	μA	Microampere
		μF	Microfarad
°C	Degree Celsius	μH	Microhenry
°F	Degree Fahrenheit	μm	Micrometer
°K	degree Kelvin	μs	Microsecond
F	Farad	μW	Microwatt
G	Gauss	mA	Milliampere
GHz	Gigahertz	mg	Milligram
g	Gram	mH	Millihenry
H	Henry	ml	Milliliter
Hz	Hertz	mm	Millimeter
h	Hour	ms	Millisecond
ips	Inches Per Second	mV	Millivolt
kWh	Kilowatt-hour	nF	Nanofarad
kg	Kilogram	Ω	Ohm
kHz	Kilohertz	pF	Picofarad
kΩ	Kilohm	Ib	Pound
km	Kilometer	rpm	Revolutions Per Minute
km/h	Kilometer Per Hour	rps	Revolutions Per Second
kV	Kilovolt	s	Second (Time)
kVA	Kilovolt-ampere	V	Volt
kW	Kilowatt	VA	Volt-ampere
l	Liter	W	Watt
MHz	Megahertz	Wh	Watt-hour

Table 2-2 Table of Acronyms

Acronym	Meaning
ABL	Automatic Brightness Limiter
AC	Alternating Current
ACC	Automatic Chroma Control
AF	Audio Frequency
AFC	Automatic Frequency Control
AFT	Automatic Fine Tuning
AGC	Automatic Gain Control
AM	Amplitude Modulation
ANSI	American National Standards Institute
APC	Automatic Phase Control
APC	Automatic Picture Control
A/V	Audio-Video
AVC	Automatic Volume Control
BAL	Balance
BPF	Bandpass Filter
B-Y	Blue-Y
CATV	Community Antenna Television (Cable TV)
CB	Citizens Band
CCD	Charge Coupled Device
CCTV	Closed Circuit Television
Ch	Channel
CRT	Cathode Ray Tube
CW	Continuous Wave
DC	Direct Current
DVM	Digital Volt Meter
EIA	Electronics Industries Association
ESD	Electrostatic Discharge
ESD	Electrostatically Sensitive Device
FBP	Feedback Pulse
FBT	Flyback Transformer
FF	Flip-Flop
FM	Frequency Modulation
FS	Fail Safe
GND	Ground
G-Y	Green-Y
H	High
HF	High-Frequency
HI-FI	High Fidelity
IC	Inductance-Capacitance
IC	Integrated Circuit
IF	Intermediate Frequency
I/O	Input/output
L	Left
L	Low
LED	Light Emitting Diode
LF	Low Frequency
MOSFET	Metal-Oxide-Semiconductor-Field-Effect-Tr
MTS	Multi-channel Television Sound
NAB	National Association of Broadcasters
NEC	National Electric Code
NTSC	National Television Systems Committee
OSD	On Screen Display
PCB	Printed Circuit Board
PLL	Phase-Locked Loop
PWM	Pulse Width Modulation
QIF	Quadrature Intermediate Frequency
R	Right
RC	Resistor & Capacitor
RF	Radio Frequency
R-Y	Red-Y
SAP	Second Audio Program
SAW	Surface Acoustic Wave(Filter)
SIF	Sound Intermediate Frequency
SMPS	Switching Mode Power Supply
S/N	Signal/Noise
SW	Switch
TP	Test Point
TTL	Transistor Transistor Logic
TV	Television
UHF	Ultra High Frequency
UL	Underwriters Laboratories
UV	Ultraviolet
VCD	Variable-Capacitance Diode
VCO	Voltage Controlled Oscillator
VCXO	Voltage Controlled Crystal Oscillator
VHF	Very High Frequency
VIF	Video Intermediate Frequency
VR	Variable Resistor
VTR	Video Tape Recorder
VTVM	Vacuum Tube Voltmeter
TR	Transistor

2-2 IC Line Up

Block	Des-Loc.	Part-Number	IC Name	Description
MAIN	IC601	1204-001775	MSP3410G-25	IC-SOUND PROCESSOR
	IC701	1001-001073	TEA6415C	IC-VIDEO SWITCH
	IC702	1001-001113	TEA6422	IC-AUDIO SWITCH
	IC703	1002-001193	PCF8591P	IC-A/D & D/A CONVERTER
	TU01	AA40-00017A	TCLS3101PD09A(S)	TUNER-F/S "PAL B/D D/K, I, M, T, R, 181CH"
	TUP01	AA40-00019A	TCPS3000PC09A(S)	TUNER-F/S "PAL B/D D/K, I, M, T, R, 181CH"
	IC905	1103-001213	M24C16	IC-EEPROM
	ICG01	0801-000314	74HCT86	IC-CMOS LOGIC
	ICS02	1204-001113	TEA6422	IC-AUDIO SWITCH
	IC602	1201-000407	TDA7050	IC-POWER AMP
	IC603	1201-001026	TDA7265	IC-POWER AMP
	IC804	1203-000203	SI3050	IC-POSI. ADJUST REG.
	IC805	1203-000203	SI3050	IC-POSI. ADJUST REG.
	ICS01	1201-001114	TEA6425	IC-VIDEO SWITCH
	IC802	1203-000293	KA7808	IC-POSI. FIXED REG.
	IC803	1203-000298	KA7809	IC-POSI. FIXED REG.
	IC101	1001-001038	SAA1300	I/O PORT
	ICD02	1201-000191	4558	IC-OP AMP
	ICD603	1201-001026	TDA7265	IC-POWER AMP
	ICS03	1001-000223	TEA5114A	IC-VIDEO SWITCH
	IC801	1203-000165	78R12	IC-POSI. ADJUST REG.
POWER	IC301	1204-000517	LA7845	IC-VERTICAL DEF.
	IC403	1202-000103	LM393	IC-VOLTAGE COMP.
	IC801S	AA13-00018A	STR-F6656	IC-HYBRID
	IC803S	A13-00024A	TNY253P	IC-HYBRID
	QH04	0502-000442	2SC4636RB	TR-POWER
	Q403	0505-000156	IRF620	FET-SILICON
	Q404	0505-001116	BUZ73A	FET-SILICON
	Q405	0502-001175	2SC5446	TR-POWER
	Q801	A13-20004H	SE135N-LF12	IC-HYBRID
F-BOX	IC01	1204-001598	VPC3230D-A0	IC-VIDEO PROCESS
	IC02	AA13-00095A	SDP01	IC-ASIC

Block	Des-Loc.	Part-Number	IC Name	Description
F-BOX	IC05	1002-001045	SDA9280	IC-A/A CONVERTER
	IC06	1204-001372	SDA9361	IC-HOR/VER PROCESSOR
	IC07	1204-001550	CXA2101AQ	IC-VIDEO PROCESS
	IC03	1105-001273	416S1120	IC-DRAM
	IC04	1105-001273	416S1120	IC-DRAM
	PIC01	1204-001658	SDA9489X-B22	IC-PICTURE PROCESS
	PIC02	1203-001419	4931	IC-VOLTAGE REGULATOR
	IC15	1203-000515	7042	IC-VOL. DETECTOR
	IC11	1203-001419	4931	IC-VOLTAGE REGULATOR
	IC12	1203-001140	7039	IC-VOL. DETECTOR
	IC13	1203-001359	1086	IC-POSI. FIXED REG.
	IC14	1203-000188	7033P	IC-POSI. ADJUST REG.
CRT	IC501	1201-001131	TDA6111Q	IC-VIDEO AMP
	IC502	1201-001131	TDA6111Q	IC-VIDEO AMP
	IC503	1201-001131	TDA6111Q	IC-VIDEO AMP
	QF10	0502-000153	2SC2344-D	TR-POWER
	QF09	0502-000131	2SA1011-D	TR-POWER
	IC504	1201-000010	2030	IC-OP AMP
DOLBY	IC601	1204-001198	DPL3519A-A2	IC-CECODER
	IC602	1201-000541	062	IC-OP AMP
MICOM	IC901	AA13-30013H	SDA30C264	IC-MCU
	IC902	1120-001010	27C040	IC-EPROM
	IC903	1203-000515	7042	IC-VOL. DETECTOR
	ICT01	1204-001579	SDA5275-3P	IC-OSD PROCESSOR
	ICT02	1105-001315	4E170411	IC-DRAM

3. Specifications

Model		CS29A7HF9X	CS29Z4HF9X
Dimensions (mm)	Set	862 (W) x 515 (D) x 585 (H)	850 (W) x 515 (D) x 595 (H)
	Transmitter	54 (W) x 31.5 (D) x 220 (H)	54 (W) x 31.5 (D) x 220 (H)
Weight	Set	52 Kg	52 Kg
	Transmitter	153g(including batteries)	153g(including batteries)
Picture Tube		Hi Contrast Instant Reception Type	
		VHF (CH 1 ~ 12)	
Tuning Ranges		UHF (CH 21 ~ 69)	
		CATV (CH S1 ~ S40)	
Television System		PAL,SECAM,NTSC4.43, NTSC3.58, PAL60	
Antenna Input		VHF, UHF: 75 ohm unbalanced type	
		Video: 38.9 MHz	
Intermediate Frequency		Sound: (BG)334.4MHz, (I)32.9MHz, (D/K)32.4MHz	
		Chrominance Subcarrier: 34.47 MHz	
Power Supply	Set	AC 110V~230V, 50Hz, 60 Hz	
	Transmitter	DC 1.5V (AAA Size) x 2	
Power Consumption		170 W	
Sound Output		15 W x 2(Main L/R)	15 W x 2(Main)
			25 W x 1(Woofer)
		Transmitter Adjustment: Infrared Rays Type	
Adjustment System		UHF/VHF electronic tuner fine tuning: Electronic Type	
		Electronic Function Adjustment	

Specifications are subject to change.

MEMO

4. Alignment and Adjustments

4-1 Adjustments

4-1-1 General Alignment Instructions

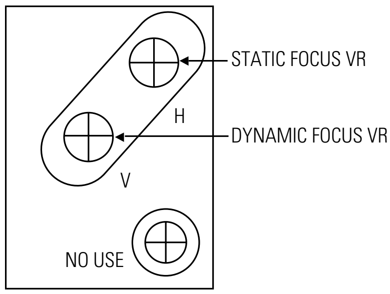
Usually, a color TV needs only slight touch-up adjustment upon installation. Check the basic characteristics such as vertical size, horizontal size, and focus. Observe the picture and check for good black and white details. There must be no objectionable color shading: If color shading is present, demagnetize the receiver. If color shading persists, re-do purity and convergence adjustments.

Note :
1. This ‘4. Alignment and Adjustments’ applies to KS4A chassis applications.
2. AC Power Supply: 100~230 V
3. This service manual has been written on the basis of domestic remote-control model adopting KS4A chassis. Depending on sales location and product specifications, some of specifications herein may be changed.

4-1-2 Focus Adjustment

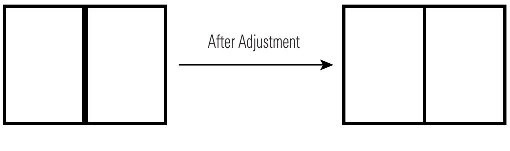
KS4A contains a dynamic focus circuit. When CRT PCB, FBT or CRT is replaced, be sure to adjust in the following sequence:

Dynamic Focus Adjustment

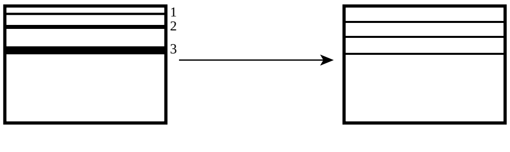


<FBT FOCUS PACK>

1. Input a crosshatch pattern.
2. Select “Standard” from the menu,
3. Turn the Static Focus VR clockwise to set it to its maximum.
4. Turn the Dynamic Focus VR counterclockwise to set it to its maximum.
5. Turn the Static Focus VR counterclockwise slowly for the clearest center vertical line.



6. Turn the Dynamic Focus VR clockwise slowly for the clearest third line.



7. Check for the FOCUS of entire screen. If necessary, re-do adjustments 3~6.

4-1-3 Screen Voltage Adjustment

1. Use a DC multi-meter to identify RK, GK, BK. And then adjust FBT Screen VR so that the highest voltage becomes 175 Vp-p.

4-1-4 White Balance Adjustment

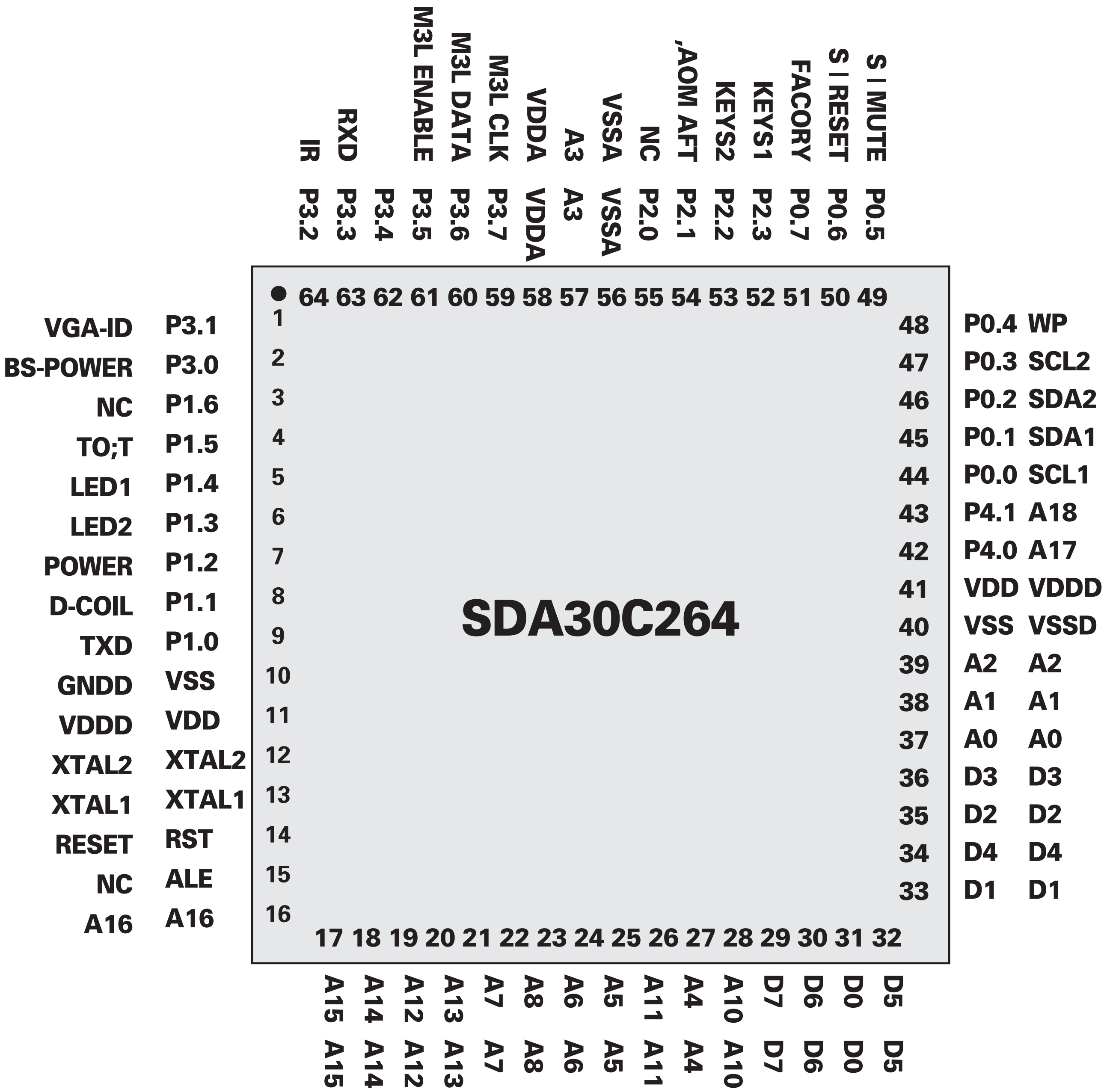
1. Select “Standard” from the menu.
2. Input an 100% White pattern.
3. In standby, press the remote-control keys in the following sequence:
   Display ➝ Menu,Mute, Power on the TV set.
4. Warm up the TV set at least for 30 minutes.
5. Input a stair signal.
6. Use the Volume +/- buttons on the remote-control to select R Drive,G Drive,B Drive,Sub Cont.
7. Adjust Low-Light while viewing the darker side of screen.
8. Use the Volume +/- buttons on the remote-control to select Rcutoff,Gcutoff,Bcutoff,Sub Brt.
9. Adjust High-Light while viewing the brighter side of screen.
10. If not proper, re-adjust White Balance.
11. Press the Memory button to exit.

4-1-5 Sub-Brightness Adjustment

1. In standby, press the remote-control keys in the following sequence:
   Display ➝ Menu ➝ Mute ➝ Power on the TV set.
2. Use the Channel Up/Down buttons to receive the sub bright adjustment signal.
3. Use the Volume +/- buttons to select SBT.
4. Press the Menu or Mute button on the remote control to adjust so that the seventh step on the right of screen cannot be seen.
5. Press the Memory button to exit.

4-2 MICOM PINNING

4-2-1 MICOM PINNING (SDA30C264)



4-2-2 MICOM MODULE PIN ALIGNMENT

PIN NO	PAL MODULE	PIN NO	PAL MODULE
1	27MHz	19	SCL2
2	GND	20	IIC STOP
3	AV-LINK	21	SDA1
4	5VB	22	SCL1
5	MAIN AFT	23	WP
6	CVBS	24	S-MUTE
7		25	S-RESET
8	TILT	26	VGA-ID
9	OSD/TTX-F/B	27	STD 5V
10	OSD/TTX-R	28	GND
11	OSD/TTX-G	29	KEYS1
12	OSD/TTX-B	30	KEYS2
13		31	IR
14	GND	32	LED1
15	VS2	33	LED2
16	HS2	34	D-COIL
17	GND	35	POWER
18	SDA2		

4-2-3 MICOM PORT ASSIGNMENT

NO	FUNCTION	ASSIGN	*IN/OUT*	ACTIVE H/L	EXPLANATION
1	P3.1	VGA-ID	*IN*	LOW	VGA SIGNAL IDENT
2	P3.0		*OUT*	LOW	-
3	P1.6	NC	-	-	-
4	P1.5(PWM)	TILT	*OUT*	PWM	TILT CONTROL
5	P1.4	LED1	*OUT*	-	ON/OFF LED CONTROL
6	P1.3	LED2	*OUT*	-	TIMER LED CONRTOL
7	P1.2	POWER	*OUT*	LOW	PICTURE ON PORT
8	P1.1	D-COIL	*OUT*	LOW	D-COIL CONTROL
9	P1.0	TXD	*OUT*	-	AV LINK CONTROL
10	VSS	GNDD	-	GND	DIGITAL GND
11	VDD	VDDD	*IN*	STD 5V	DIGITAL VCC
12	XTAL2	XTAL2	*OUT*	-	12MHz XTAL
13	XTAL1	XTAL1	*IN*	-	MICOM TESET PORT
14	RST	RESET	*IN*	LOW	NOT USED
15	ALE	NC			EPROM CONTROL ADDRESS
16	A16	A16	*IN/OUT*	-	EPROM CONTROL ADDRESS
17	A15	A15	*IN/OUT*	-	EPROM CONTROL ADDRESS
18	A14	A14	*IN/OUT*	-	EPROM CONTROL DATA/ADDRESS
19	A12	A12	*IN/OUT*	-	EPROM CONTROL DATA/ADDRESS
20	A13	A13	*IN/OUT*	-	EPROM CONTROL DATA/ADDRESS
21	A7	A7	*IN/OUT*	-	EPROM CONTROL DATA/ADDRESS
22	A8	A8	*IN/OUT*	-	EPROM CONTROL DATA/ADDRESS
23	A6	A6	*IN/OUT*	-	EPROM CONTROL DATA/ADDRESS
24	A9	A9	*IN/OUT*	-	EPROM CONTROL DATA/ADDRESS
25	A5	A5	*IN/OUT*	-	EPROM CONTROL DATA/ADDRESS
26	A11	A11	*IN/OUT*	-	EPROM CONTROL DATA/ADDRESS
27	A4	A4	IN/OUT	-	EPROM CONTROL DATA/ADDRESS
28	A10	A10	IN/OUT	-	"
29	D7	D7	IN/OUT	-	"
30	D6	D6	IN/OUT	-	"
31	D0	D0	IN/OUT	-	"
32	D5	D5	IN/OUT	-	"
33	D1	D1	IN/OUT	-	"
34	D4	D4	IN/OUT	-	"

NO	FUNCTION	ASSIGN	IN/OUT	ACTIVE H/L	EXPLANATION
35	D2	D2	IN/OUT	-	"
36	D3	D3	IN/OUT	-	"
37	A0	A0	IN/OUT	-	EPROM CONTROL ADDRESS
38	A1	A1	IN/OUT	-	EPROM CONTROL ADDRESS
39	A2	A2	IN/OUT	-	EPROM CONTROL ADDRESS
40	VSS	VSSD	-	GND	DIGITAL GND
41	VDD	VDDD	IN	STD 5V	DIGITAL VCC
42	A17/P4.0	A17	IN/OUT	-	EPROM CONTROL ADDRESS
43	A18/P4.1	A18	IN/OUT	-	EPROM CONTROL ADDRESS
44	P0.0	SCL1	IN/OUT	-	EPROM CONTROL BUS
45	P0.1	SDA1	IN/OUT	-	EPROM CONTROL BUS
46	P0.2	SDA2	IN/OUT	-	SLAVE IC CONTROL BUS
47	P0.3	SCL2	IN/OUT	-	SLAVE IC CONTROL BUS
48	P0.4	WP	OUT	HIGH	EEPROM WRITE PROTECTION
49	P0.5	S-MUTE	OUT	HIGH	MAIN SOUND AMP MUTE
50	P0.6	S-RESET	OUT	LOW	MSP RESET
51	P0.7	FACTORY	IN	LOW	BIS ADJ.MODE SELECTION
52	P2.3(A/D)	KEY1	IN	-	CH.UP,CH.DOWN,VOL.UP,VOL.DOWN,MENU
53	P2.2(A/D)	KEY2	IN	-	MUTE, TV/VIDEO
54	P2.1(A/D)	MAIN AFT	IN		
55	P2.0(A/D)	P2.0(A/D)			
56	VSSA	VSSA	-	GND	ANALOG GND
57	A3	A3	IN/OUT	-	EPROM CONTROL ADDRESS
58	VDDA	VDDA	IN	STD 5V	ANALOG VCC
59	P3.7	M3L CLK	IN/OUT	-	SDA5275 MEGATEXT IC CONTROL BUS
60	P3.6	M3L DATA	IN/OUT	-	"
61	P3.5	M3L ENABLE	OUT	-	"
62	P3.4		IN	HIGH	
63	P3.3	RXD	IN		AV LINK
64	P3.2	IR	IN	-	REMOTE CONTROL SIGNAL INPUT

4-2-4 MICOM FACTORY MODE OPTION BYTE

Item	OSD	CIS	Asia/Midde East	Remark
0	CRT	4:3	4:3	-CPT Option(Wide/4:3):P.Size format, WSS Related Option
1	Language Group	Europe	Asia	-User Optional Language Group Setting(Europe/Asia)
				-Refer to “Language Group Table”
2	Lgnguage	Russia	By Destination	-Select the language of destination from Language Group
				* Note: Countermeasute to prevent IRAN from smuggling Once
				Arabic(Persian)has been selected,the user can’t select Persian(Arabic)
3	ATM	ON	OFF	-ON: ATM, OFF: Auto search
4	Scart/Rca	Scart	Rca	-SCART: AV-Link,AV Setup Menu, Scart jack switching
				-RCA: RCA Jack switching, DVD
5	VGA	ON	ON	-Presence of VGA(ON/OFF)
6	Plug&Play	ON	ON	Application of Dolby Prologic(ON/OFF)
7	Dolby prg	ON	ON	-Application of Plug & Play (ON/OFF)
8	Pinp	CS	ON	-Application of Pinp(ON/OFF)
9	Cw/Cs	ON	CS	-CW/CS Tuner switching option
10	Lna	ON	ON	-Application of LNA(Pinp model) (ON/OFF)
11	Child Lock	ON	ON	-Application of Child Lock (ON/OFF)
12	HP jack ident	ON	ON	-ON:The main sound is cut off after identigying the headphome jack
				-OFF:The headphome jack ident PIN of MICOM is used as an IIC STOP PIN. The main sound is not cut off
13	Top ttx	OFF	OFF	-Set only the countries requesting TOP patent so that TOP TTX can be available(Countries using TOP:Germany,Austria,Italy,Swiss)
14	High Deviation	ON	ON	-Solve the Sound Stop problem by tutning High Deviation On for the
				countries with SOUND over modulation
15	TTX group	Russia	By Destination	-Grouping the TTX Language by Region:Refer to a separate TABLE
16	Carrier mute	OFF	OFF	-For Italy Only (Option)

4-3 FACTORY MODE CONTROL

4-3-1 Factroy Mode Data Control

1. Enter & Concel the Factory Mode
   1) Usual Remote Control
   Enter : PICTURE OFF -> DISPLAY KEY -> MENU KEY -> MUTE KEY
   (Press each remote control key with in 3 seconds)
   Cannel : POWER OFF -> ON
   2) Factory Remote Control
   Enter : DISPLAY KEY -> FACTORY KEY
   (Press each remote control key with in 3 seconds)
   Cannel : POWER OFF -> ON
   Press the FACTORY key twice at intervals of at lease 1 second.
   (Enter the AGING Mode once)
   3) Set Value When Entering the Factory Mode
   - Picture Mode & Sound Mode are set to the standard data
   4) Adjustments
   - CH. UP/DOWN Key : Use to select the item you want
   - VOLUME UP/DOWN Key : Increases or decreases the value of data.
   - MENU Key : Use to save the current set value in EEPROM and exit to the upper mode.
   - Use the DIGIT Key to switch channels
   - Use the TV/VIDEO Key th conver to the AV Mode

4-4 FACTORY ADJUSTMENT DATA

VIDEO ADJUSTMENT
Y.C-DELAY
DEFLECTION NORMAL
DEFLECTION VGA
DEFLECTION NORMAL[1080i] ==> CHINA ONLY
DEFLECTION NORMAL[480P] ==> CHINA ONLY
PICT. INPROVE [PAL]
PICT. INPROVE [NTSC]
PICT. INPROVE [VGA]
PICT. INPROVE [SECAM]
PICT. INPROVE [DVD]
PICT. INPROVE [480P] ==> CHINA ONLY
PICT. INPROVE [1080i] ==> CHINA ONLY
P.STD CHANGE
OPTION BYTE
RESET

VIDEO ADJUSTMENT

Item	OSD	Adjust	Range	CS29Z4HF9X/XTT	CS34Z4HF9X/XTT
00	R Drive	-	0 ~ 63	32	32
01	B Drive	-	0 ~ 63	32	32
02	G Drive	FIX	0 ~ 63	32	32
03	Gamma	FIX	0 ~ 15	8	8
04	R Cutoff	-	0 ~ 63	20	20
05	G Cutoff	FIX	0 ~ 63	20	20
06	B Cutoff	-	0 ~ 63	20	20
07	Sub Cont	FIX	0 ~ 15	10	6
08	Sub Bri	FIX	0 ~ 63	38	32
09	Sub Color	FIX	0 ~ 15	11	11
10	Sub Tint	FIX	0 ~ 15	7	7
11	V Peaking	FIX	0 ~ 12	8	8
12	Ttx Cont	FIX	0 ~ 15	8	8
13	Ttx Bright	FIX	0 ~ 63	32	32
14	Pip Cont	FIX	0 ~ 15	15	15
15	Pip Bright	FIX	0 ~ 15	7	7

Y.C-DELAY

Item	OSD	Adjust	Range	CS29Z4HF9X/XTT	CS34Z4HF9X/XTT
00	PAL-B/G	FIX	0 ~ 15	7	7
01	PAL-D/K/L	FIX	0 ~ 15	9	9
02	PAL-I	FIX	0 ~ 15	9	9
03	SECAM-B/G	FIX	0 ~ 15	6	6
04	SECAM-D/K/L	FIX	0 ~ 15	7	7
05	NTSC	FIX	0 ~ 15	8	8
06	PAL-AV	FIX	0 ~ 15	7	7
07	SECAM-AV	FIX	0 ~ 15	4	4
08	NTSC-AV	FIX	0 ~ 15	6	6
09	DVD	FIX	0 ~ 15	9	9

DEFLECTION NORMAL

Item	OSD	Adjust	Range	CS29Z4HF9X/XTT	CS29Z4HF9X/XTT
00	P.V-Size	-	-128 ~ 127	-43	-40
01	P.V-Sft	-	-128 ~ 127	-15	0[
02	P.V-Lin	-	-128 ~ 127	-16	-5
03	P.S-Corr	FIX	-128 ~ 127	6	-39
04	P.EW-Wth	-	-128 ~ 127	9	9
05	P.EW-Pbl	-	-128 ~ 127	-77	-66
06	P.H-Sft	-	-64 ~ 63	22	22
07	P.EW-Tpz	-	-128 ~ 127	-76	-58
08	P.Bow	-	-128 ~ 127	-6	0
09	P.Anale	-	-128 ~ 127	-25	-10
10	P.EW-UpCr	-	-128 ~ 127	23	25
11	P.EW-LoCr	-	-128 ~ 127	-43	-40[
12	P.Hor-EHT	FIX	0 ~ 255	30	30
13	P.Ver-EHT	FIX	0 ~ 255	200	200
14	P.Int.Vol.Ref	FIX	-16 ~ 15	0	0
15	P.Hsync Delay	FIX	-128 ~ 127	10	10
16	P.PHP	-	0 ~ 255	22	22
17	P.PVP	-	0 ~ 255	30	30
18	P.PHS	FIX	0 ~ 255	0	0
19	P.PVS	FIX	0 ~ 255	0	0

DEFLECTION VGA

Item	OSD	Adjust	Range	CS29Z4HF9X/XTT	CS29Z4HF9X/XTT
00	V-Size	-	-128 ~ 127	-105	-110
01	V-Sft	-	-128 ~ 127	-19	-19
02	V-Lim	-	-128 ~ 127	-27	-27
03	S-Corr	FIX	-128 ~ 127	-28	-28
04	EW-Wth	-	-128 ~ 127	-25	-27
05	EW-Pbl	-	-128 ~ 127	-91	-78
06	H-Sft	-	-64 ~ 63	13	13
07	EW-Tpz	-	-128 ~ 127	-51	-51
08	Bow	-	-128 ~ 127	0	0
09	Angle	-	-128 ~ 127	0	0
10	EW-UpCr	-	-128 ~ 127	46	46
11	EW-LoCr	-	-128 ~ 127	32	32
12	Hor-EHT	FIX	0 ~ 255	12	12
13	Ver-EHT	FIX	0 ~ 255	42	200
14	Intavol. Ref.	FIX	-16 ~ 15	0	0
15	Hsync Delay	FIX	-128 ~ 127	12	12

DEFLECTION NORMAL[1080i] => CHINA ONLY

Item	OSD	Adjust	Range	CS29Z4HF9X/XTT	CS29Z4HF9X/XTT
00	1080. V-Size	-	-128 ~ 127	-80	-83
01	1080. V-Sft	-	-128 ~ 127	-32	-21
02	1080. V-Lim	-	-128 ~ 127	-28	-17
03	1080. S-Corr	FIX	-128 ~ 127	6	-39
04	1080. EW-Wth	-	-128 ~ 127	22	27
05	1080. EW-Pbl	-	-128 ~ 127	-70	-59
06	1080. H-Sft	-	-64 ~ 63	-14	-20
07	1080. EW-Tpz	-	-128 ~ 127	-72	-54
08	1080. Bow	-	-128 ~ 127	-1	5
09	1080. Angle	-	-128 ~ 127	-10	5
10	1080. EW-UpCr	-	-128 ~ 127	9	11
11	1080. EW-LoCr	-	-128 ~ 127	-51	-48
12	1080. Hor-EHT	FIX	0 ~ 255	30	30
13	1080. Ver-EHT	FIX	0 ~ 255	200	200
14	1080. Intavol. Ref.	FIX	-16 ~ 15	0	0
15	1080. Hsync Delay	FIX	-128 ~ 127	11	11

DEFLECTION NORMAL[408p] => CHINA ONLY

Item	OSD	Adjust	Range	CS29Z4HF9X/XTT	CS29Z4HF9X/XTT
00	480. V-Size	-	-128 ~ 127	-47	-44
01	480. V-Sft	-	-128 ~ 127	-9	-5
02	480. V-Lim	-	-128 ~ 127	-16	-5
03	480. S-Corr	FIX	-128 ~ 127	6	-39
04	480. EW-Wth	-	-128 ~ 127	12	12
05	480. EW-Pbl	-	-128 ~ 127	-79	-63
06	480. H-Sft	-	-64 ~ 63	-25	-25
07	480. EW-Tpz	-	-128 ~ 127	-43	-25
08	480. Bow	-	-128 ~ 127	0	0
09	480. Angle	-	-128 ~ 127	-8	0
10	480. EW-UpCr	-	-128 ~ 127	7	-37
11	480. EW-LoCr	-	-128 ~ 127	-17	-39
12	480. Hor-EHT	FIX	0 ~ 255	30	30
13	480. Ver-EHT	FIX	0 ~ 255	200	200
14	480. Intavol. Ref.	FIX	-16 ~ 15	0	0
15	480. Hsync Delay	FIX	-128 ~ 127	4	4

PICTURE IMPROVE[PAL]

Item	OSD	Adjust	Range	CS29Z4HF9X/XTT	CS29Z4HF9X/XTT
00	LIMIT_LEVEL	FIX	0 ~ 3	2	2
01	SYSTEM	FIX	0 ~ 3	2	2
02	CLP_MSK	FIX	0 ~ 3	0	0
03	ABL_MODE	FIX	0 ~ 3	3	3
04	ABL_TH	FIX	0 ~ 3	1	1
05	DTV_SYNC	FIX	0 ~ 255	9	9
06	CR_OFFSET1	FIX	0 ~ 15	7	7
07	CB_OFFSET1	FIX	0 ~ 15	7	7
08	COLOR_OFF	FIX	0 ~ 1	0	0
09	CTI-LEVEL	FIX	0 ~ 3	1	1
10	R-Y/R	FIX	0 ~ 15	2	2
11	R-Y/B	FIX	0 ~ 15	15	15
12	G-Y/R	FIX	0 ~ 15	7	7
13	G-Y/B	FIX	0 ~ 15	0	0
14	LRGB2_LEVEL	FIX	0 ~ 15	12	12
15	PABL_LEVEL	FIX	0 ~ 15	14	14
16	BLK_BOTTOM	FIX	0 ~ 15	0	0
17	SUB_SHP	FIX	0 ~ 3	2	2
18	SHP_FO	FIX	0 ~ 3	2	2
19	PRE_OVER	FIX	0 ~ 3	3	3
20	LTI_LEVEL	FIX	0 ~ 3	1	1
21	VM_LEVEL	FIX	0 ~ 3	3	3
22	VM_DELAY	FIX	0 ~ 3	3	3
23	DC_TRAN	FIX	0 ~ 3	3	3
24	D_PIC	FIX	0 ~ 3	3	3
25	DCTI	FIX	0 ~ 255	8	8
26	BPF_LPF	FIX	0 ~ 255	73	73
27	HPF_CORING	FIX	0 ~ 255	9	9

PICT. IMPROVE[NTSC]

Item	OSD	Adjust	Range	CS29Z4HF9X/XTT	CS29Z4HF9X/XTT
00	R-Y/R	FIX	0 ~ 15	2	2
01	R-Y/B	FIX	0 ~ 15	15	15
02	G-Y/R	FIX	0 ~ 15	7	7
03	G-Y/B	FIX	0 ~ 15	0	0

PICT. IMPROVE[VGA]

Item	OSD	Adjust	Range	CS29Z4HF9X/XTT	CS29Z4HF9X/XTT
00		FIX	0 ~ 3	2	2
01	R-Y/R	FIX	0 ~ 15	2	2
02	R-Y/B	FIX	0 ~ 15	15	15
03	G-Y/R	FIX	0 ~ 15	7	7
04	G-Y/B	FIX	0 ~ 15	0	0
05	SUB_SHP	FIX	0 ~ 3	0	0
06	SHP_FO	FIX	0 ~ 3	0	0
07	V_PRE_OVER	FIX	0 ~ 3	0	0
08	LTI_LEVEL	FIX	0 ~ 3	0	0
09	VM_LEVEL	FIX	0 ~ 3	0	0
10	VD_DELAY	FIX	0 ~ 3	0	0
11	DC_TRAN	FIX	0 ~ 3	3	3

PICT. IMPROVE[SECAM]

Item	OSD	Adjust	Range	CS29Z4HF9X/XTT	CS29Z4HF9X/XTT
00	CR_OFFSET1	FIX	0 ~ 15	14	14
01	CB_OFFSET1	FIX	0 ~ 15	3	3
02	R-Y/R	FIX	0 ~ 15	2	2
03	R-Y/B	FIX	0 ~ 15	15	15
04	G-Y/R	FIX	0 ~ 15	7	7
05	G-Y/B	FIX	0 ~ 15	0	0

PICT. IMPROVE[DVD]

Item	OSD	Adjust	Range	CS29Z4HF9X/XTT	CS29Z4HF9X/XTT
00	CTI-Level	FIX	0 ~ 3	1	1
01	DCTI	FIX	0 ~ 255	0	0
02	BPF-LPF	FIX	0 ~ 255	74	74
03	HFP-Coring	FIX	0 ~ 255	10	10

PICT. IMPROVE[408p] => CHINA ONLY

Item	OSD	Adjust	Range	CS29Z4HF9X/XTT	CS29Z4HF9X/XTT
00	480_SYSTEM	FIX	0 ~ 3	3	3
01	480_CLP_MSK	FIX	0 ~ 3	0	0
02	480_DTV_SYNC	FIX	0 ~ 255	203	203
03	480_CTI_LEVEL	FIX	0 ~ 3	1	1
04	480_R-Y/R	FIX	0 ~ 15	2	2
05	480_R-Y/B	FIX	0 ~ 15	15	15
06	480_G-Y/R	FIX	0 ~ 15	7	7
07	480_G-Y/B	FIX	0 ~ 15	0	0
08	480_SUB_SHP	FIX	0 ~ 3	3	3
09	480_SHP_FO	FIX	0 ~ 3	2	2
10	480_PRE_OVER	FIX	0 ~ 3	3	3
11	480_LTI-LEVEL	FIX	0 ~ 3	1	1
12	480_VM_LEVEL	FIX	0 ~ 3	2	2
13	480_VM_DELAY	FIX	0 ~ 3	2	2
14	480_DC_TRAN	FIX	0 ~ 3	3	3
15	480_D_PIC	FIX	0 ~ 3	3	3

PICT. IMPROVE[1080i] => CHINA ONLY

Item	OSD	Adjust	Range	CS29Z4HF9X/XTT	CS29Z4HF9X/XTT
00	1080_SYSTEM	FIX	0 ~ 3	3	3
01	1080_CLP_MSK	FIX	0 ~ 3	0	0
02	1080_DTV_SYNC	FIX	0 ~ 255	203	203
03	1080_CTI_LEVEL	FIX	0 ~ 3	1	1
04	1080_R-Y/R	FIX	0 ~ 15	2	2
05	1080_R-Y/B	FIX	0 ~ 15	15	15
06	1080_G-Y/R	FIX	0 ~ 15	7	7
07	1080_G-Y/B	FIX	0 ~ 15	0	0
08	1080_SUB_SHP	FIX	0 ~ 3	3	3
09	1080_SHP_FO	FIX	0 ~ 3	2	2
10	1080_PRE_OVER	FIX	0 ~ 3	3	3
11	1080_LTI-LEVEL	FIX	0 ~ 3	1	1
12	1080_VM_LEVEL	FIX	0 ~ 3	2	2
13	1080_VM_DELAY	FIX	0 ~ 3	2	2
14	1080_DC_TRAN	FIX	0 ~ 3	3	3
15	1080_D_PIC	FIX	0 ~ 3	3	3

P.STD CHANGE

Item	OSD	Adjust	Range	CS29Z4HF9X/XTT	CS29Z4HF9X/XTT
00	STD_BRIGHT	FIX	0 X 6[7] 0B	32	32
01	STD_CONTRAST	FIX	0 X 6[7] 0C	41	41
02	STD_COLOR	FIX	0 X 6[7] 0D	35	35
03	STD_SHARPNESS	FIX	0 X 6[7] 0E	32	32
04	STD_TINT	FIX	0 X 6[7] 0F	0	0
05	STD_COLORTONE	FIX	0 X 6[7] 10	0	0
06	SPORTS_BRIGHT	FIX	0 X 6[7] 11	32	32
07	SPORTS_CONTRAST	FIX	0 X 6[7] 12	57	57
08	SPORTS_COLOR	FIX	0 X 6[7] 13	35	35
09	SPORTS_SHARPNESS	FIX	0 X 6[7] 14	41	41
10	SPORTS_TINT	FIX	0 X 6[7] 15	0	0
11	SPORTS_COLORTONE	FIX	0 X 6[7] 16	3	3
12	MILD_BRIGHT	FIX	0 X 6[7] 17	35	35
13	MILD_CONTRAST	FIX	0 X 6[7] 18	28	28
14	MILD_COLOR	FIX	0 X 6[7] 19	32	32
15	MILD_SARPNESS	FIX	0 X 6[7] 1A	25	25
16	MILD_TINT	FIX	0 X 6[7] 1B	0	0
17	MILD_COLORTONE	FIX	0 X 6[7] 1C	1	1
18	NATURAL_BRIGHT	FIX	0 X 6[7] 1D	32	32
19	NATURAL_CONTRAST	FIX	0 X 6[7] 1E	63	63
20	NATURAL_COLOR	FIX	0 X 6[7] 1F	38	38
21	NATURAL_SHARPNESS	FIX	0 X 6[7] 20	48	48
22	NATURAL_TINT	FIX	0 X 6[7] 21	0	0
23	NATURAL_COLORTONE	FIX	0 X 6[7] 22	4	4
24	VGA_BRIGHT	FIX	0 X 6[7] 23	15	32
25	VGA_CONTRAST	FIX	0 X 6[7] 24	15	32
26	RGB_COLOR	FIX	0 X 6[7] 27	6	6
27	RGB_COLOR_L	FIX	0 X 6[7] 28	100	100
28	RGB_TINT	FIX	0 X 6[7] 29	0	0
29	RGB_BRI_CONT	FIX	0 X 6[7] 2B	27	27
30	RGB_BRI_CONT_L	FIX	0 X 6[7] 2C	68	68
31	FB_GAIN	FIX	0 X 6[7] 2D	144	144
32	SLICER_LEVEL	FIX	0 X 6[7] 2F	15	15

OPTION BYTE

Item	OSD	O/Byte : 00 f7 026
00	CRT	4:3
01	LANGUAGE GROUP	Asia
02	LANGUAGE	Chiness
03	ATM	Off
04	Scart/RCA	RCA
05	VGA	On
06	Plug & Play	On
07	Dolby Prologin	On
08	PIP	On
09	CW/CS	CS
10	LNA	On
11	Child-Lock	On
12	HP Jack Ident	On
13	TOP TTX	Off
14	High Deviation	Off
15	TTX Group	W-Europe
16	Carrier Mute	Off
17	P.Standard	Natural
18	DTV	On

❇ CRT : 1. 4 : 3 2. WIDE(16:9)
❇ Language Group : 1. Europe 2. Asia
❇ Europe Language Select
; Greece, Netherland, Germany, CIS, Rumania, Bulgaria, Sweden, Spain, Yougslavia, Italy, Czecho, Croatia, Turkey, Portugal, Poland, France, Hungary, England

❇ Asia Language Select
; U.S.A, France, Malaysia, Indonesia, Arab, Persia, Pakistan,
; MICOM SIM-810HC VERSION => Chiness Only

❇ ATM Select
ON : Greece, Netherland, Germany, CIS, Rumania, Bulgaria, Sweden, Spain, Yougslavia, Italy, Czecho, Croatia, Turkey, Portugal, Poland, France, Hungary, England
OFF : Others Country

❇ TOP TTX Select
ON : Germany
OFF : Others Country

❇ TTX Group
; W-Europe, E-Europe, Russian, Arabic, Hebrew

4-5 3 Speed, Aging mode & Reset mode

4-5-1 3-Speed

1. 3-Speed
   1) Speed up Analog Conrtol three times and Time Speed sixty times to let line productivity be improved Analog Control.
   2) Enter
   - Display + 3Speed Key
   3) Cancel
   - The 3-Speed mode is cancelled in Master Power Off
   - Press the 3Speed Key
   4) OSD : The message “3-SPEED” appears on the center of screen
   5) No Signal : No AUTO OFF

2. Aging Mode
   1) Enter : DISPLAY KEY -> FACTORY KEY (FACTORY MODE)
   -> FACTORY KEY (AGING MODE)
   - When the AGING mode is entered, the OSD’s are displayed at 100% SIZE WHITE.
   - Mute SOUND
   2) Cancel
   - FACTORY remote conrtol -> Press the FACTORY Key
   - LOCAL KEY -> Use the Key MATRIX (Panel Key)
   - The AGING mode remains even in MASTER S/W OFF -> ON
   Cancel the AGING mode only in the above two cases.

3. Factory Reset
   1) Run “Reset” on the Factory Menu.
   2) Initialize the other user control data except the items that are adjusted in the Factory Mode.
   3) Power Off in standby mode.

4-5-2 Bus Stop Mode & Remote Control Adjustment

1. Bus Stop Mode (Use a Micom Stop Pin)
   1) Enter the Bus Stop Mode within 200ms when 12c Stop Port is acknowledaged “LOW”.
   2) Settings when entering.
   - Set the screen mode “STANDARD”.
   - Set Bus Line Free.
   - Cancal the Bus Stop Mode when 12c Stop Port is acknowledged “High”.
   3) Setting when cancelling
   - Re-load data from EEPROM and then re-set the appropriate IC.

2. Remot Control Adjustment Mode (Factory Auto Adjustment)
   1) Enter the Remote Control Adjustment Mode when the remote control auto adjustment code is input.
   2) Settings when entering.
   - Set the screen mode “STANDARD”
   - Set Bus Line Free.
   3) Cancel the Remote Control Adjustment Mode when the usual key code is input.
   4) When the code is input, write data in both E2PRM and the appropriate IC within 20ms.
   Interval between Code Inputs : 30ms

4-6 INITIALIZATION DATA DURING RESET

Item	Intialization Data	Item	Initialization Data
Volume	10step	TV Power	Stand by
Balance	Center	Blue Screen	On
Main,Pip Channel	Custom	TINT	Center
Picture Standard	(Set Value:Standard)	Still Picture	Cancel
Sound Standard	Nautral	AV Setup	Ext2,Ext3:RF
Add/erase	All Channel erased	Time	- - : - -
Channel Sort	Erased	On/Off Time	- - : - -
LNA	All Channel Off	H/P Volume	10 Step
Color System	Auto	H/P Bal.,Tbl,Bass	Center
PIP Position	Right under	Programe naming	All Channel Erased(*)
Fine Tune	Erased	Audio out	Volume out
Language	Option byte Selection	Int.mute	Off
Pip,Main Source	RF	Center,Rear Volume	Center
Digital N/R	Off	Zoom Lift	Center
TILT	Center	PC Screen Shift	Center
P-Size	Wide:auto,4:3:Normal	Country	Austria
PIP-Size	Big		
TTX Contrast	Factory value		
Child lock	All Channel off		
Plug & Play	Option byte Selection		
Surround Mode	Off		
Pro Logic	Normal		

4-7 CHASSIS FUNTION

	FUNTION	PAL
PICTURE	LINE FLICKERLESS	YES
	LARGE AREA FLICKERLESS	YES
	MOTION DETECTOR	YES
	MAIN STILL PICTURE	YES
	ZOOM FUNCTION	NORMAL -> 16:9 -> ZOOM
	(4:3,WIDE CRT OPTION)	AUTO WIDE->PANORAMA->4:3->16:9->ZOOM1->ZOOM2
	ZOOM LIFT	YES
	DIGITAL N/R	YES
	COMB FILTER	4H
	CTI	DIGITAL CTI
	SCAN MODE	NATURAL SCAN -> DIGITAL SCAN -> PORGRESSIVE SCAN
	P-STD	CUSTOM->STANDARD->SPORTS->MILD->NATURAL
	COLOR TONE	NORMAL -> WARM1- > WARM2 -> COOL1 -> COOL2
	DYNAMIC-FOCUS	YES
	VM	YES
	TILT CONTROL	YES
	VGA	YES
	DVD	RCA JACK MODEL ONLY -> YUV MODE
PIP	MULTI PIP	YES
	LNA ON/OFF	YES
	SWAP,ROTATE,SIZE,SCAN	YES

	FUNTION	PAL
FUNTION	ATM	ATM(EU)
	PLUG & PLAY	YES
	AV LINK	SCART JACK MODEL ONLY (SCART1)
	TTX	MEGA TEXT
	OSD TYPE	OSG
	SLEEP TIMER	YES
	ON/OFF TIMER	YES
	CHILD LOCK	YES
	PROGRAMMABLE CH.	100 CH. MENORY
	TUNING SYSTEM	PROGRAMMABLE F/S
	SORT & NAME	YES
	INFORMATION	YES(NAME,SOUND MODE,CHILD LOCK)
	ADD/ERASE	YES(CHANNEL SKIP)
SOUND	DOLBY PROLOGIC	YES
	A2 STEREO	YES
	EQUALIZER	YES
	NICAM STEREO	YES
	OUTPUT (MPO)	MAIN:12+12W, SUR:12+12W, CENTER:12W
	S-STD	CUSTOM->STANDARD->MUSIC->MOVIE->SPEECH
	HEADPHONE VOLUME CONTROL	YES
EXT JACK	FRONT	1 S-VHS,1RCA INPUT,1HEADPHONE,1 VGA
	REAR	SCART JACK MODEL: 1RF,3SCART,DOLBY JACK
		RCA JACK MODEL:1RF,1 S-VHS,3RCA IN, 1DVD IN, 1 MONITOR OUT, DOLBY JACK

4-8 PCF9591 PORT ASSIGNMENT (JACK IDENT)

PIN NO	FUN	ASSIGN	SCART JACK OPTION IDENT VOLTAGE(V)			RCA JACK MODEL IDENT VOLTAGE(V)			
			0~1.5	1.6~3.4	3.5~5.0	0~2.2	2.3~2.7	2.8~4.0	4.1~5.0
1	AIN0	SC1-ID(AV1/DVD-ID)	NOT CON.	WIDE MODE	4:3 MODE	NOT CON.	DVD	AV1	ALL CON
2	AIN1	SC2-ID(AV2/DVD-ID)	NOT CON.	WIDE MODE	4:3 MODE	AV2 SVHS		NOT CON.	AV2
3	AIN2	SC3-ID(AV3)	NOT CON.	WIDE MODE	4:3 MODE	NOT CONNECTION		AV3	
4	AIN3	FAV-ID/FS-ID				FRONT-SVHS		NOT CON.	F-VIDEO
5	A0	GND	IC ADDRESS SLECTION						
6	A1	GND							
7	A2	GND							
8	VSS	GND	DIGITAL GND						
9	SDA	SDA2	IIC CONTROL BUS						
10	SCL	SCL2							
11	OSC	OSC							
12	EXT	GND	EXT/INT OSC CONTROL						
13	AGND	AGND	ANALOG GND						
14	VREF	VREF	-						
15	AOUT	D/A OUT	NOT USED						
16	VDD	VDD	5V						

4-9 LOCAL KEY ASSIGNMENT

1. Local(Pannel) Key List

- LOCAL MENU : Main Menu Control
- CH + : Channel Up & Menu Control
- CH - : Channel Down & Menu Control
- VOLUME + : Volume Up & Menu Control
- VOLUME - : Volume Down & Menu Control
- TV / VIDEO : TV / VIDEO MODE CHANGE

2. Local Key (8 Bit ADC)

KEY1	KEY NAME	KEY NAME	CH. DOWN	CH. UP	VOL.DOWN	NOT OPER
	VOLTAGE	VOLTAGE	0V~0.62V	0.93V~1.55V	1.86V~2.5V	3.74V~5.00V
KEY2	KEY NAME	KEY NAME		LOCAL MENU	TV VIDEO	NOT OPER
	VOLTAGE	VOLTAGE	0V~0.62V	0.93V~1.55	1.86V~2.5V	3.74V~5.00V

* Language Group

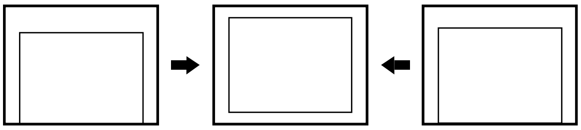
NO	Europe	Asia	Remark
1	English	English	
2	Bulgalian	Arabic	
3	Croatioan	French	
4	Czech	Indonesian	
5	Dutch	Malay	
6	French	Persian	
7	German		
8	Greek		
9	Hungarian		
10	Italian		
11	Polish		
12	Portuguese		
13	Rumanian		
14	Russian		
15	Spanish		
16	Swedish		
17	Turkish		
18	Yogo		

* TTX Language Groutp

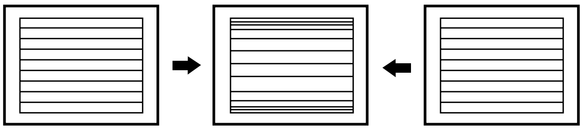
NO	X22 line			Factory mode TTX Group					
	C14	C13	C13	W-Europe	E-Europe	Russian	Arab	Ireland	Hebrew
0	0	0	0	English	Polish	Polish	English/ Arabic	English	English
1	0	0	1	French	Russian	Russian	French/ Arabic	French	French
2	0	1	0	Swedish/ Finnish/ Danish	Hungarian	Estonian	Thai	Swedish/ Finnish/ Danish	Swedish/ Finnish/ Danish
3	0	1	1	Turkish	Czech/ Slovak	Czech/ Slovak	Turkish	Turkish	Turkish
4	1	0	0	German/ Dutch/ Flemish	German/ Dutch/ Flemish	German/ Dutch/ Flemish	German/ Dutch/ Flemish	German/ Dutch/ Flemish	German/ Dutch/ Flemish
5	1	0	1	Spanish/ Portuguese	Slovenian/ Serbo	Ukranian	Spanish/ Portuguese	Icelandic	Hebrew/ Arabic
6	1	1	0	Italian	Lithuanian	Lettish	Italian	Italian	Italian
7	1	1	1	Greek	Rumanian	Rumanian	Arabic	Greek	Rumanian

4-10 Screen Change (I2C Bus Geometric Adjustment)

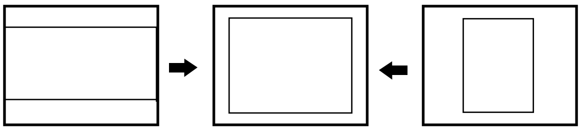
1 V - SHIFT



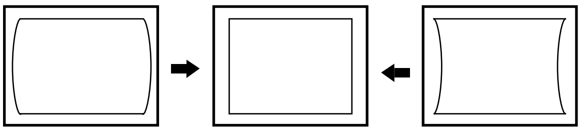
2 V - LIN



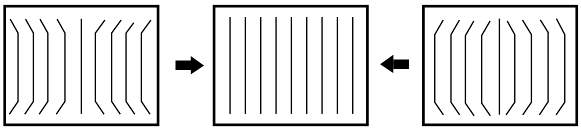
3 HEW- WITH



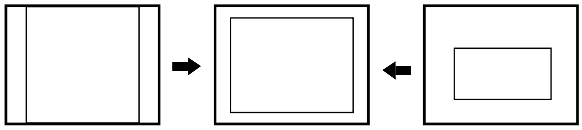
4 H EW-PARABOLA



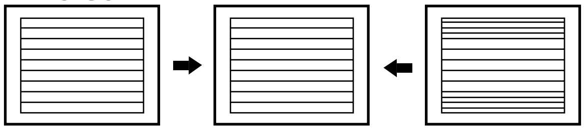
5 H BOW



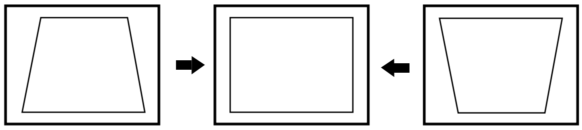
6 V - SIZE



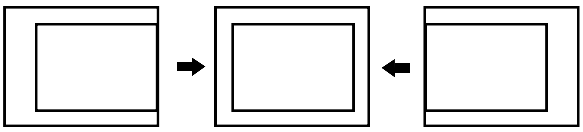
7 S-CORR



8 H EW-TRAPIZIUM



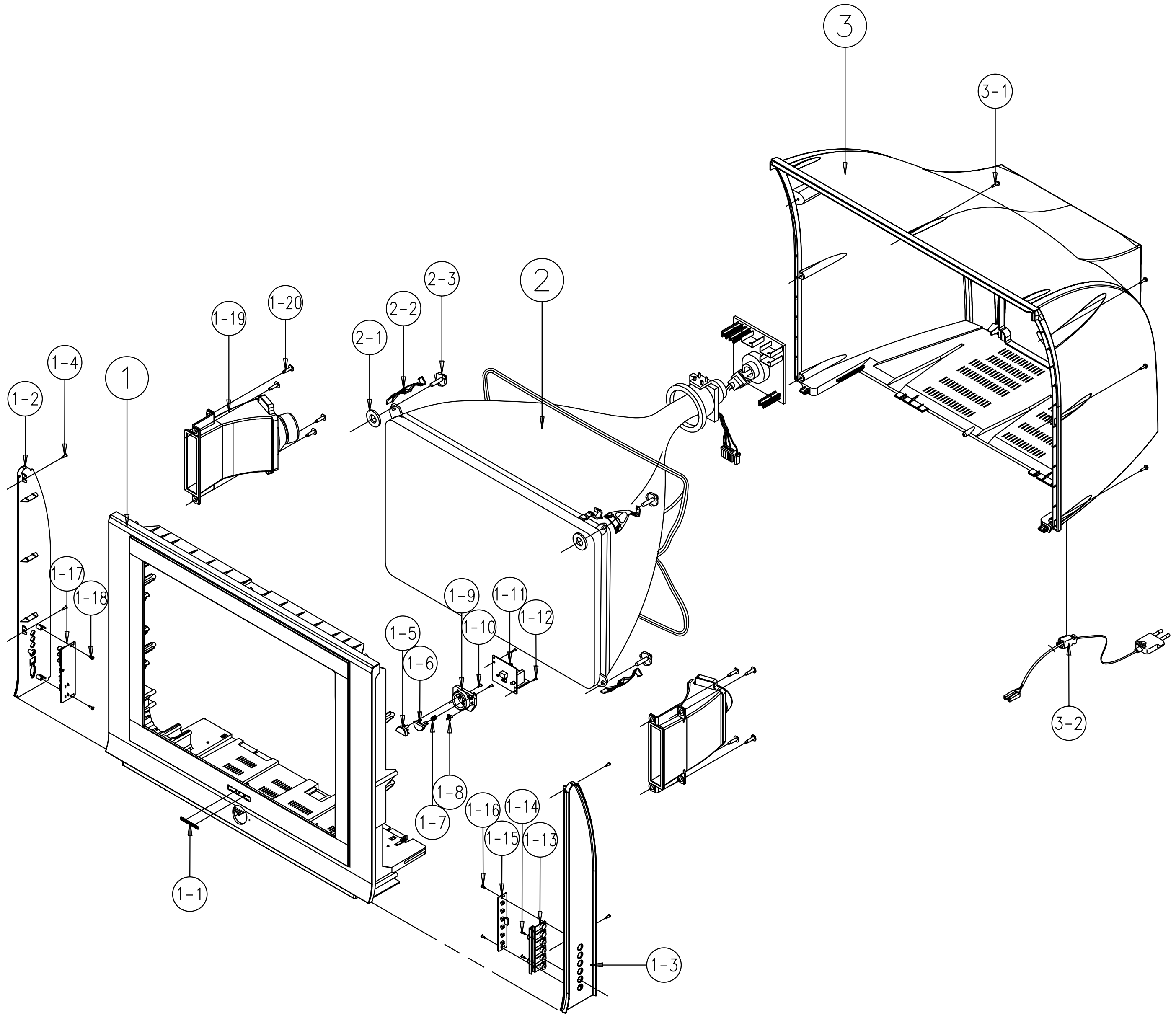
9 H SHIFT



MEMO

5. Exploded View & Parts List

5-1 CS34Z6HF9X/FES



No	Code No	Description	Specification	Q'ty	Remark	S.N.A
1	AA96-00934F	ASSY COVER P-FRONT;CS34Z6HF,34Z6,ABS, HB		1	M0011	
1*	AA64-02748E	CABINET-FRONT;CS34Z6HF,ABS,HB0690M,G4309		1		S.N.A
1-1	BP64-00177A	BADGE-BRAND;ALL,AL,T1.5,70,11.3,BLK,SILI		1	T0057	S.N.A
1-2	AA63-00572A	COVER-A/V;34Z6,HIPS,HB,G4309,DGN-1189		1	T0259	S.N.A
1-3	AA63-00570E	COVER-CONTROL;34Z6,HIPS,HB,G4309,DGN-118		1	CIS1	S.N.A
1-4	6003-001268	SCREW-TAPTITE;TH,+,B,M4,L12,ZPC(YEL),SWR		2	T0081	
1-5	6003-001268	SCREW-TAPTITE;TH,+,B,M4,L12,ZPC(YEL),SWR		2	T0081	
1-6	AA64-02752A	WINDOW-RMC;29Z6,PC,VO,VIOLET		1		S.N.A
1-7	AA64-02751B	KNOB-POWER;29Z6,PC,VO,VIOLET,MASTER		1	T0023	
1-8	AA61-60003J	SPRING ETC-CS;-,SUS304,-,-,OD6,N7,OD6,-,		1	CIS7	S.N.A
1-9	AA64-02753A	INDICATOR LED;29Z6,ACRYL,HB,CLEAR		1	T0059	S.N.A
1-10	AA64-02750A	DECORATION-POWER;29Z6,ABS,HB,GRAY,AL		1	CIS3	
1-11	6003-001019	SCREW-TAPTITE;RH,+,B,M4,L12,ZPC(BLK),SWR		2	T0081	
1-12	AA94-11730A	ASSY PCB MISC-MASTER;Z6,Z7Z9,K55A,S57A,P		1	T0569	
1-13	6003-000333	SCREW-TAPTITE;RH,+,2S,M3,L10,ZPC(YEL),SW		1	T0081	S.N.A
1-14	AA64-02662A	KNOB-CONTROL;Z7,ABS,HB,G3676,S104M+W971		1	T0022	
1-15	6003-001019	SCREW-TAPTITE;RH,+,B,M4,L12,ZPC(BLK),SWR		2	T0081	
1-16	AA41-00651A	PCB-CONTROL;CS29Z7HF,FR-1,1L,A,1.6T,330X		1	PCB	S.N.A
1-17	AA94-08529D	ASSY PCB MISC-CONTROL;-Z6/-Z7,KS4A,PAL		1	T0098	
1-18	6003-001268	SCREW-TAPTITE;TH,+,B,M4,L12,ZPC(YEL),SWR		3	T0081	
1-19	AA91-00507A	ASSY HOLDER SPK;-,-,8OHM/15W,-,ASSY HOLD		1	T0010	
1-20	6003-001024	SCREW-TAPTITE;RWH,+,B,M4,L12,ZPC(YEL),SW		8	SPK+CF	
2	AA91-02972A	ASSY CPT;CS34Z4HF9X/XSG		1		S.N.A
2-1	AA63-60004K	SPACER-GUM,CRT;-,NTR RUBBER,-,-,-,BLK,T2		4		S.N.A
2-2	AA65-30018A	CLAMPER CORE-WIRE;DONG-A,NYLON-66,-,-,-,		2	C/W	S.N.A
2-3	AA60-10050V	SCREW-ASSY;-,SWRCH18A,M6,L30,HH,+,WC,-,Z		4	SC016	
3	AA64-02749H	CABINET BACK;34Z6,HIPS,FV2,GR503,SV012P+		1	T0015	
3-1	6003-001025	SCREW-TAPTITE;RH,+,B,M4,L20,ZPC(BLK),SWR		7	CB+CF	
3-2	AA96-20109A	ASSY POWER CORD;-,CP2/NO(4.0),H/C400,KKP		1	T0066	S.N.A

You can search for the updated part code through ITSELF web site.
URL : http://itself.sec.samsung.co.kr

6. Electrical Parts List

6-1 CS34Z6HF9X/FES

ASSY COVER FRONT

Level	Loc. No.	Code No.	Description ; Specification	Remark
1	M0001	AA90-03247P	ASSY COVER FRONT;CS34Z6HF9X/FES	S.N.A
..2	T0081	6003-001268	SCREW-TAPTITE;TH,+,B,M4,L12,ZPC(YEL),SWR	
..2	T0081	6003-001268	SCREW-TAPTITE;TH,+,B,M4,L12,ZPC(YEL),SWR	
..2	T0081	6003-001268	SCREW-TAPTITE;TH,+,B,M4,L12,ZPC(YEL),SWR	
..2	SPK+CF	6006-001095	SCREW-ASS'Y TAPT;WP,BH,+,M4,L12,ZPC(YEL)	S.N.A
..2	T0081	AA60-10050T	SCREW-TAPPING;-,SWRCH18A,M4,L20,RH,+,2S,	S.N.A
..2	T0081	AA60-10050T	SCREW-TAPPING;-,SWRCH18A,M4,L20,RH,+,2S,	S.N.A
..2	T0081	AA60-10050T	SCREW-TAPPING;-,SWRCH18A,M4,L20,RH,+,2S,	S.N.A
..2	SC016	AA60-10050V	SCREW-ASSY;-,SWRCH18A,M6,L30,HH,+,WC,-,Z	
..2		AA63-60004K	SPACER-GUM,CRT;-,NTR RUBBER,-,-,-,BLK,T2	S.N.A
..2	D-COIL	AA65-30017A	CLAMPER CORE-D,COIL;-,NYLON-66,V0,-,NTR,	S.N.A
..2	T0102	AA73-00005B	RUBBER-CAP;FLAT,PRJ,SILICONE RUBBER,WHIT	
..2	T0102	AA73-00017A	RUBBER-CAP;29Z7,SILICONE RUBBER,WHT	S.N.A
..2	T0010	AA91-00507A	ASSY HOLDER SPK;-,-,8OHM/15W,-,ASSY HOLD	
..2	M0011	AA96-00934F	ASSY COVER P-FRONT;CS34Z6HF,34Z6,ABS, HB	
...3	T0081	6003-001019	SCREW-TAPTITE;RH,+,B,M4,L12,ZPC(BLK),SWR	
...3	T0069	AA60-00091J	SPACER-FELT;-,FELT,330X10,-,-,BLK,T0.5,-	S.N.A
...3	CIS7	AA61-60003J	SPRING ETC-CS;-,SUS304,-,-,OD6,N7,OD6,-,	S.N.A
...3		AA64-02748E	CABINET-FRONT;CS34Z6HF,ABS,HB0690M,G4309	S.N.A
...3	CIS3	AA64-02750A	DECORATION-POWER;29Z6,ABS,HB,GRAY,AL	
...3	T0023	AA64-02751B	KNOB-POWER;29Z6,PC,VO,VIOLET,MASTER	
...3		AA64-02752A	WINDOW-RMC;29Z6,PC,VO,VIOLET	S.N.A
...3	T0059	AA64-02753A	INDICATOR LED;29Z6,ACRYL,HB,CLEAR	S.N.A
...3		AA65-00011C	CLAMPER CORE-WIRE;ALL MODEL,NYLON 66,V2,	S.N.A
...3		AA65-30105A	CLAMPER CORE-WIRE;ALL MODEL,NYLON 66,V2,	S.N.A
...3	T0069	AA60-00091C	SPACER-FELT;-,FELT,230X10,-,-,BLK,T1.0,-	S.N.A
...3	T0057	BP64-00177A	BADGE-BRAND;ALL,AL,T1.5,70,11.3,BLK,SILI	S.N.A
..2		AA61-01373A	HOLDER-D COIL;29K5,NYLON 66	S.N.A

ASSY CPT

Level	Loc. No.	Code No.	Description ; Specification	Remark
1		AA91-02972A	ASSY CPT;CS34Z4HF9X/XSG	S.N.A
..2		AA91-02176B	ASSY CPT;A80LTM350X98,34,+380MG,ITC,AA0	S.N.A
⚠ ...3	T0063	AA03-00232A	CRT COLOR;A80LTM350X98,+380MG,0.35MH,9.9	
..2		AA98-70011F	ASSY TBC WIRE(P);-,34inch,NTSC,2P-WH,KS4	S.N.A
..2	T0089	AA27-00060A	COIL DEGAUSSING;-,34,14ohm ,-,L3600,E	

ASSY CHASSIS

Level	Loc. No.	Code No.	Description ; Specification	Remark
1	M0017	AA91-05666E	ASSY CHASSIS;CS34Z6HF9X/FES,KS4A,TURKEY	S.N.A
..2	T0081	6002-000512	SCREW-TAPPING;RH,+,2,M4,L12,ZPC(BLK),SWR	S.N.A
..2	T0081	6003-001023	SCREW-TAPTITE;RWH,+,B,M3,L10,ZPC(YEL),SW	S.N.A
..2	T0081	6003-001023	SCREW-TAPTITE;RWH,+,B,M3,L10,ZPC(YEL),SW	S.N.A
..2	T0081	6003-001023	SCREW-TAPTITE;RWH,+,B,M3,L10,ZPC(YEL),SW	S.N.A
..2	TER+HC	6006-001095	SCREW-ASS'Y TAPT;WP,BH,+,M4,L12,ZPC(YEL)	S.N.A
..2	T0070	AA61-01102A	HOLDER-CHASSIS;Z7,HIPS V0,G4309	S.N.A
..2		AA61-01105A	HOLDER-C,BLOCK;Z7,HIPS V0,G4309	S.N.A
..2	T0092	AA91-00792B	ASSY TERMINAL BOARD;,HIPS,VO,BLK,3-SCART	
...3	R075	2001-000028	R-CARBON(S);100OHM,5%,1/2W,AA,TP,2.4X6.4	
...3	R075	2001-000028	R-CARBON(S);100OHM,5%,1/2W,AA,TP,2.4X6.4	
...3	C689	2202-000145	C-CERAMIC,MLC-AXIAL;0.12NF,10%,50V,Y5P,T	
...3	C689	2202-000145	C-CERAMIC,MLC-AXIAL;0.12NF,10%,50V,Y5P,T	
...3	L704	2701-000115	INDUCTOR-AXIAL;10uH,10%,3070	
...3	L705	2701-000115	INDUCTOR-AXIAL;10uH,10%,3070	
...3	L703	2701-001040	INDUCTOR-AXIAL;10uH,10%,4514	
...3	L702	2701-001040	INDUCTOR-AXIAL;10uH,10%,4514	
...3	L701	2701-001040	INDUCTOR-AXIAL;10uH,10%,4514	
...3	JA702A	3716-000229	TERMINAL-BLOCK;-,2P,13mm,-,-	
...3	JA703A	3722-001439	JACK-PIN;2P,3.5mm,NI,BLK,-	
...3	TBA+DB	6006-001095	SCREW-ASS'Y TAPT;WP,BH,+,M4,L12,ZPC(YEL)	S.N.A
...3	T0245	AA39-20055B	LEAD CONNECTOR-ASSY;,6P,300,YBNH025-06,6	
...3	T0245	AA39-20069D	LEAD CONNECTOR-ASSY;,5P,300,YBNH025-05,6	
...3		AA41-00167B	PCB-DOLBY JACK;WS32W8HD,FR-1,1L,B,1.6T,2	S.N.A
...3		AA63-00165B	TERMINAL-BOARD ANT;29A6,HIPS VO BLK,D4	S.N.A
...3	JA701A	AA63-40258A	TERMINAL-SPEAKER;4P,ABS,4,BLK	S.N.A
...3		AA64-02215D	INLAY-BACK;36Z4 KS4A,PS SHEET,T0.5,BLK,3	S.N.A
..2	T0133	AA94-07571E	ASSY PCB POWER;,KS4A34FLAT	
...3		0202-000187	SOLDER-WIRE FLUX;-,RS60S,D1.2,63Sn/37Pb	S.N.A
...3	T0083	0402-000233	DIODE-RECTIFIER;FML-G12S,200V,5A,-,-	
...3	T0083	0402-000250	DIODE-RECTIFIER;RG4C,1000V,1A,-	
...3	Q409	0505-001116	FET-SILICON;BUZ73A,N,200V,22A,0.6ohm,40W	
⚠ ...3	PC802S	0604-001032	PHOTO-COUPLER;TR,170-260%,300mW,DIP-4,ST	
⚠ ...3	PC801S	0604-001038	PHOTO-COUPLER;TR,130-260%,200mW,DIP-4,ST	
...3	Q801	1004-000101	IC-ECC;SE-140N,DIP,-,-,ST,-,PLASTIC,1	
...3	IC403	1202-000103	IC-VOLTAGE COMP.;393,DIP,8P,300MIL,DUAL,	
...3	P803T	1404-001026	THERMISTOR-PTC;7OHM,20%,-,290VAC,25A,-,B	
⚠ ...3	NT801S	1404-001045	THERMISTOR-NTC;4.7ohm,15%,2900K,35.0mW,T	
...3	R815	2003-002206	R-METAL OXIDE(S);27Kohm,5%,3W,AG,TP,6x16	
...3	R816	2003-002206	R-METAL OXIDE(S);27Kohm,5%,3W,AG,TP,6x16	
...3	C598	2201-000539	C-CERAMIC,DISC;4.7NF,20%,250V,Y5V,BK,16X	
...3	C598	2201-000539	C-CERAMIC,DISC;4.7NF,20%,250V,Y5V,BK,16X	
...3	C419	2301-001256	C-FILM,LEAD-PPF;68nF,5%,630V,TP,19x8.5x1	
...3	C412	2301-001539	C-FILM,LEAD-PPF;1000NF,5%,400V,BK,28*25*	
...3	C408	2303-000013	C-FILM,LEAD-PPF;2.7NF,5%,1.6KV,BK,28.5X1	
...3	C427	2303-000159	C-FILM,LEAD-PPF;2.2nF,5%,1.6KV,BK,31x15.	
...3	C407	2303-000186	C-FILM,LEAD-PPF;22nF,5%,400V,BK,19.5x13.	
⚠ ...3	CX803S	2306-000112	C-FILM,LEAD-PPF;100nF,20%,250V,BK,-,15mm	
...3	C409	2306-000166	C-FILM,LEAD-PPF;220NF,5%,400V,BK,26X17X9	
⚠ ...3	CX801S	2306-000318	C-FILM,LEAD-PPF;220NF,20%,250V,BK,-,22.5	
⚠ ...3	CX802S	2306-000318	C-FILM,LEAD-PPF;220NF,20%,250V,BK,-,22.5	
...3	C809	2306-000323	C-FILM,LEAD-PPF;2.2NF,5%,1.6KV,BK,23X9X1	
...3	C413	2306-000324	C-FILM,LEAD-PPF;3.3NF,5%,1.6KV,BK,28.5X7	
...3	C701	2401-000737	C-AL;2200uF,20%,50V,GP,TP,18x35.5,7	
...3	C701	2401-002287	C-AL;470uF,20%,200V,WT,BK,25x40,10	
...3	C701	2401-003024	C-AL;220uF,20%,200V,WT,TP,22x35,10	
...3	C701	2401-003370	C-AL;47uF,20%,450V,GP,BK,16X35.5,7.	
...3	C701	2401-003465	C-AL;680UF,20%,450V,GP,BK,35X60MM,22.5	
...3	SWS01	3409-000138	SWITCH-LEVER;30V,200mA,SP3T,NON SHORTING	
...3	SWS02	3409-000138	SWITCH-LEVER;30V,200mA,SP3T,NON SHORTING	
⚠ ...3	RL801S	3501-001040	RELAY-POWER;12VDC,500MW,10000MA,1FORMA,1	
⚠ ...3	RL802S	3501-001053	RELAY-POWER;5VDC,530MW,10000MA,1FORMA,15	
⚠ ...3	FP801S	3601-001007	FUSE-CARTRIDGE;250V,6.3A,TIME-LAG,GLASS,	
...3	CN803	3710-001103	CONNECTOR-SOCKET;14P,1R,2.5mm,STRAIGHT,S	
...3	CN804	3710-001103	CONNECTOR-SOCKET;14P,1R,2.5mm,STRAIGHT,S	
...3	CN906	3711-003052	CONNECTOR-HEADER;BOX,10P,1R,2.5MM,STRAIG	
...3	IC063	AA13-00024A	IC HYBRID;-,TNY253P,-,8PIN,-,-	
⚠ ...3	TS801S	AA26-00055A	TRANS SWITCHING;-,-,-,AC80~280V,-,-,-,4m	
⚠ ...3	T801S	AA26-00056A	TRANS SWITCHING;-,-,-,AC90~260V,DC135V/2	
⚠ ...3	T444S	AA26-00084A	TRANS FBT;FUJ-34C001F(S),W32,2.26mH,-,-,	
⚠ ...3	T401	AA26-50001S	TRANS-HORIZ.DRIVE;-,-,-,6.0mH,-,-,44uH,-	
⚠ ...3	T402	AA26-90002C	TRANS-DUMMY;-,-,-,-,-,-,-,-,-,-,-,-,-,EER2	
...3	T0296	AA27-00022A	COIL LINEARITY;-,7.5UH,YL81 DR15X18 C:6.	
⚠ ...3	L403	AA27-00025A	COIL CHOKE;-,1MH,10%,-,-,BK,-,12X20,14X2	
⚠ ...3	L401	AA27-00057A	COIL HORIZ. WIDTH;-,10mH,YL-9N 15x27.5 C	
...3	L402	AA27-00222A	COIL HORIZ. WIDTH;82UH,82UH,YL81 DR1220	
...3	L812	AA27-10002L	COIL CHOKE;-,24uH,K,-,2A,-,24UH-K,10x10m	
...3	L815	AA27-10002L	COIL CHOKE;-,24uH,K,-,2A,-,24UH-K,10x10m	
...3	LS401	AA27-10002V	COIL CHOKE;-,6.3mH,K,-,500mA,-,NY632K(50	
...3	L405	AA27-40003P	COIL HORIZ. WIDTH;-,120uH/180uH,Th8x20,U	

Level	Loc. No.	Code No.	Description ; Specification	Remark
⚠ ...3	LX801S	AA29-30001Z	FILTER LINE NOISE;-,10mH,2.8A,-,SQE3535	
⚠ ...3	LX802S	AA29-30002D	FILTER LINE NOISE;-,10mH,2.8A,-,SQE-3535	
⚠ ...3	D817	AA96-00309A	ASSY H/S;-,POWER,AA62-00061A,FML-G12S +	S.N.A
....4		0205-000129	GREASE-SILICON;SC102,JAPAN	S.N.A
....4	T0083	0402-000231	DIODE-RECTIFIER;FMG-G26S,600V,4A,TO-220F	
....4	T0083	0402-000233	DIODE-RECTIFIER;FML-G12S,200V,5A,-,-	
....4	T0081	6003-000335	SCREW-TAPTITE;RH,+,2S,M3,L8,ZPC(YEL),SWR	S.N.A
....4		AA62-00061A	HEAT SINK-PS;-,-,T1.0,SILVER,-,-,-,-,104	S.N.A
...3	Q405	AA96-00310A	ASSY H/S;-,POWER,AA62-00062A,FMP-3FU + 2	S.N.A
....4		0205-000129	GREASE-SILICON;SC102,JAPAN	S.N.A
....4	T0083	0402-001296	DIODE-RECTIFIER;FMP-3FU,1.5KV,5A,TO-3PF,	
....4	T0090	0502-001175	TR-POWER;2SC5446,NPN,200000mW,TO-3PL,BK,	
....4	T0081	6003-000333	SCREW-TAPTITE;RH,+,2S,M3,L10,ZPC(YEL),SW	S.N.A
....4		AA02-00007A	SUB ETC-MICA;,MICA,22X30X0.1MM	S.N.A
....4		AA60-30001A	WASHER-PLATE;M3,ID3.5,15X8.5,T1.0,SBHG	S.N.A
....4		AA62-00062A	HEAT SINK-PS;-,-,T2.0,SILVER,-,-,-,-,108	S.N.A
⚠ ...3	D806	AA96-50310A	ASSY H/S;-,POWER,AA62-30150C,RBV606,-	S.N.A
....4		0205-000129	GREASE-SILICON;SC102,JAPAN	S.N.A
....4	T0083	0402-000549	DIODE-BRIDGE;RBV606,600V,6A,-,BK	
....4	T0081	6003-000333	SCREW-TAPTITE;RH,+,2S,M3,L10,ZPC(YEL),SW	S.N.A
....4		AA60-30003A	WASHER;T1.5,SBHG-1	S.N.A
....4		AA62-30150C	HEAT SINK-ES;-,A6063 EXTR,-,WHT,40(24.5)	S.N.A
⚠ ...3	IC801S	AA96-50364C	ASSY H/S;-,POWER,AA62-30181A,STR-F6656,-	S.N.A
....4		0205-000129	GREASE-SILICON;SC102,JAPAN	S.N.A
....4	T0081	6003-000333	SCREW-TAPTITE;RH,+,2S,M3,L10,ZPC(YEL),SW	S.N.A
....4	IC063	AA13-00018A	IC HYBRID;-,STR-F6656,LF1351,5PIN,-,-	
....4		AA62-30181A	HEAT SINK-ES;A6063,EXTR,SILVER,WHT,ANOD,	S.N.A
...3	IC301	AA96-50381A	ASSY H/S;-,-,AA62-30180B,LA7845,-	S.N.A
....4		0205-000129	GREASE-SILICON;SC102,JAPAN	S.N.A
....4	T0088	1204-000517	IC-VERTICAL DEF.;LA7845,SIP,7P,-,PLASTIC	
....4	T0081	6003-000333	SCREW-TAPTITE;RH,+,2S,M3,L10,ZPC(YEL),SW	S.N.A
....4		AA62-30180B	HEAT SINK-ES;-,A6063 EXTR.,2,WHT,70MM,-,	S.N.A
...3		AA97-05270A	ASSY AUTO-SUB;34FLAT,KS4A,PAL	S.N.A
....4	D401	0401-000005	DIODE-SWITCHING;1N4148,100V,200mA,DO-35,	
....4	D402	0401-000005	DIODE-SWITCHING;1N4148,100V,200mA,DO-35,	
....4	D410	0401-000005	DIODE-SWITCHING;1N4148,100V,200mA,DO-35,	
....4	D412	0401-000005	DIODE-SWITCHING;1N4148,100V,200mA,DO-35,	
....4	T0083	0402-000132	DIODE-RECTIFIER;1N4004,400V,1A,DO-41,TP	
....4	T0083	0402-000132	DIODE-RECTIFIER;1N4004,400V,1A,DO-41,TP	
....4	T0083	0402-000132	DIODE-RECTIFIER;1N4004,400V,1A,DO-41,TP	
....4	T0083	0402-000132	DIODE-RECTIFIER;1N4004,400V,1A,DO-41,TP	
....4	T0083	0402-000132	DIODE-RECTIFIER;1N4004,400V,1A,DO-41,TP	
....4	T0083	0402-000132	DIODE-RECTIFIER;1N4004,400V,1A,DO-41,TP	
....4	T0083	0402-000493	DIODE-RECTIFIER;1R5GU41,400V,1.5A,DO-15L	
....4	T0083	0402-000532	DIODE-RECTIFIER;ERC13-08,800V,1.2A,DO-20	
....4	T0083	0402-000532	DIODE-RECTIFIER;ERC13-08,800V,1.2A,DO-20	
....4	T0083	0402-000534	DIODE-RECTIFIER;RG10V,400V,1.2A,DO-201,T	
....4	T0083	0402-000534	DIODE-RECTIFIER;RG10V,400V,1.2A,DO-201,T	
....4	T0083	0402-000534	DIODE-RECTIFIER;RG10V,400V,1.2A,DO-201,T	
....4	T0083	0402-000540	DIODE-RECTIFIER;RU20A,600V,1.5A,-,TP	
....4	T0083	0402-000540	DIODE-RECTIFIER;RU20A,600V,1.5A,-,TP	
....4	T0083	0402-000546	DIODE-RECTIFIER;TVR10G,400V,1.0A,DO-41,T	
....4	T0083	0402-000546	DIODE-RECTIFIER;TVR10G,400V,1.0A,DO-41,T	
....4	T0083	0402-000546	DIODE-RECTIFIER;TVR10G,400V,1.0A,DO-41,T	
....4	T0083	0402-000546	DIODE-RECTIFIER;TVR10G,400V,1.0A,DO-41,T	
....4	T0083	0402-000546	DIODE-RECTIFIER;TVR10G,400V,1.0A,DO-41,T	
....4	T0083	0402-001105	DIODE-RECTIFIER;ERB43-04SV1,400V,1.0A,-,	
....4	T0083	0402-001111	DIODE-RECTIFIER;1N5397GP,600V,1.5A,DO-20	
....4	DZ016	0403-000508	DIODE-ZENER;MTZJ5.6B,5.6V,5.45-5.73V,500	
....4	DZ016	0403-000700	DIODE-ZENER;TZP33A,33V,31-35V,1W,DO-41,T	
....4	DZ016	0403-000716	DIODE-ZENER;MTZJ4.7B,4.7V,4.55-4.8V,500m	
....4	DZ016	0403-000716	DIODE-ZENER;MTZJ4.7B,4.7V,4.55-4.8V,500m	
....4	DZ016	0403-000718	DIODE-ZENER;MTZJ6.8B,6.8V,6.49-6.83V,500	
....4	DZ016	0403-001221	DIODE-ZENER;UZ39BSB,35.36-37.19V,500MW,D	
....4	DZ016	0403-001322	DIODE-ZENER;MTZJ8.2B,7.78-8.19V,500mW,DO	
....4	DZ016	0403-001322	DIODE-ZENER;MTZJ8.2B,7.78-8.19V,500mW,DO	
....4	DZ016	0403-001325	DIODE-ZENER;MTZJ15C,14.35-15.09V,500mW,D	
....4	DZ016	0403-001325	DIODE-ZENER;MTZJ15C,14.35-15.09V,500mW,D	
....4	DZ016	0403-001327	DIODE-ZENER;MTZJ18A,16.22-17.06V,500mW,D	
....4	DZ016	0403-001329	DIODE-ZENER;MTZJ24B,22.61-23.77V,500mW,D	
....4	DZ016	0403-001329	DIODE-ZENER;MTZJ24B,22.61-23.77V,500mW,D	
....4	T0156	0501-000369	TR-SMALL SIGNAL;KSC2331-Y,NPN,1000mW,TO-	
....4	T0156	0501-000369	TR-SMALL SIGNAL;KSC2331-Y,NPN,1000mW,TO-	
....4	T0156	0501-000389	TR-SMALL SIGNAL;KSC815,NPN,400mW,TO-92,T	
....4	T0156	0501-000389	TR-SMALL SIGNAL;KSC815,NPN,400mW,TO-92,T	
⚠ 4	D808	1405-000187	VARISTOR;750V,1250A,12.5x7mm,TP	
⚠ 4	VP801S	1405-000187	VARISTOR;750V,1250A,12.5x7mm,TP	
⚠ 4	VX801S	1405-000187	VARISTOR;750V,1250A,12.5x7mm,TP	
⚠ 4	D811	1405-001030	VARISTOR;120V,2500A,14x8.5mm,TP	
....4	R075	2001-000016	R-CARBON(S);1OHM,5%,1/2W,AA,TP,2.4X6.4MM	
....4	R075	2001-000028	R-CARBON(S);100OHM,5%,1/2W,AA,TP,2.4X6.4	
....4	R075	2001-000028	R-CARBON(S);100OHM,5%,1/2W,AA,TP,2.4X6.4	
....4	R125	2001-000429	R-CARBON;1KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
....4	R125	2001-000429	R-CARBON;1KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
....4	R125	2001-000429	R-CARBON;1KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
....4	R075	2001-001043	R-CARBON(S);0OHM,5%,1/2W,AA,TP,2.4X6.4MM	
....4	R075	2001-001043	R-CARBON(S);0OHM,5%,1/2W,AA,TP,2.4X6.4MM	
....4	R075	2001-001043	R-CARBON(S);0OHM,5%,1/2W,AA,TP,2.4X6.4MM	
....4	R075	2001-001043	R-CARBON(S);0OHM,5%,1/2W,AA,TP,2.4X6.4MM	
....4	R075	2001-001043	R-CARBON(S);0OHM,5%,1/2W,AA,TP,2.4X6.4MM	
....4	R075	2001-001043	R-CARBON(S);0OHM,5%,1/2W,AA,TP,2.4X6.4MM	
....4	R075	2001-001043	R-CARBON(S);0OHM,5%,1/2W,AA,TP,2.4X6.4MM	
....4	R075	2001-001043	R-CARBON(S);0OHM,5%,1/2W,AA,TP,2.4X6.4MM	
....4	R075	2001-001045	R-CARBON(S);1.2KOHM,5%,1/2W,AA,TP,2.4X6.	
....4	R075	2001-001053	R-CARBON(S);1.5OHM,5%,1/2W,AA,TP,2.4X6.4	
....4	R075	2001-001053	R-CARBON(S);1.5OHM,5%,1/2W,AA,TP,2.4X6.4	
....4	R075	2001-001055	R-CARBON(S);1.8KOHM,5%,1/2W,AA,TP,2.4X6.	
....4	R075	2001-001070	R-CARBON(S);120OHM,5%,1/2W,AA,TP,2.4X6.4	
....4	R075	2001-001072	R-CARBON(S);12OHM,5%,1/2W,AA,TP,2.4X6.4M	
....4	R075	2001-001081	R-CARBON(S);160KOHM,5%,1/2W,AA,TP,2.4X6.	
....4	R075	2001-001086	R-CARBON(S);18KOHM,5%,1/2W,AA,TP,2.4X6.4	
....4	R075	2001-001088	R-CARBON(S);1KOHM,5%,1/2W,AA,TP,2.4X6.4M	
....4	R075	2001-001088	R-CARBON(S);1KOHM,5%,1/2W,AA,TP,2.4X6.4M	
....4	R075	2001-001088	R-CARBON(S);1KOHM,5%,1/2W,AA,TP,2.4X6.4M	
....4	R075	2001-001093	R-CARBON(S);2.2KOHM,5%,1/2W,AA,TP,2.4X6.	
....4	R075	2001-001093	R-CARBON(S);2.2KOHM,5%,1/2W,AA,TP,2.4X6.	
....4	R075	2001-001097	R-CARBON(S);2.4KOHM,5%,1/2W,AA,TP,2.4X6.	
....4	R075	2001-001097	R-CARBON(S);2.4KOHM,5%,1/2W,AA,TP,2.4X6.	
....4	R075	2001-001106	R-CARBON(S);220KOHM,5%,1/2W,AA,TP,2.4X6.	
....4	R075	2001-001106	R-CARBON(S);220KOHM,5%,1/2W,AA,TP,2.4X6.	
....4	R075	2001-001108	R-CARBON(S);22KOHM,5%,1/2W,AA,TP,2.4X6.4	
....4	R075	2001-001108	R-CARBON(S);22KOHM,5%,1/2W,AA,TP,2.4X6.4	
....4	R075	2001-001121	R-CARBON(S);3.6KOHM,5%,1/2W,AA,TP,2.4X6.	
....4	R075	2001-001122	R-CARBON(S);3.9KOHM,5%,1/2W,AA,TP,2.4X6.	
....4	R075	2001-001122	R-CARBON(S);3.9KOHM,5%,1/2W,AA,TP,2.4X6.	
....4	R075	2001-001129	R-CARBON(S);330KOHM,5%,1/2W,AA,TP,2.4X6.	
....4	R075	2001-001129	R-CARBON(S);330KOHM,5%,1/2W,AA,TP,2.4X6.	
....4	R075	2001-001144	R-CARBON(S);4.7KOHM,5%,1/2W,AA,TP,2.4X6.	
....4	R075	2001-001144	R-CARBON(S);4.7KOHM,5%,1/2W,AA,TP,2.4X6.	
....4	R075	2001-001155	R-CARBON(S);5.6KOHM,5%,1/2W,AA,TP,2.4X6.	
....4	R075	2001-001159	R-CARBON(S);510OHM,5%,1/2W,AA,TP,2.4X6.4	
....4	R075	2001-001159	R-CARBON(S);510OHM,5%,1/2W,AA,TP,2.4X6.4	
....4	R075	2001-001163	R-CARBON(S);560OHM,5%,1/2W,AA,TP,2.4X6.4	
....4	R075	2001-001168	R-CARBON(S);6.8KOHM,5%,1/2W,AA,TP,2.4X6.	
....4	R075	2001-001170	R-CARBON(S);6.8OHM,5%,1/2W,AA,TP,2.4X6.4	
....4	R075	2001-001178	R-CARBON(S);680OHM,5%,1/2W,AA,TP,2.4X6.4	
....4	R075	2001-001178	R-CARBON(S);680OHM,5%,1/2W,AA,TP,2.4X6.4	
....4	R075	2001-001194	R-CARBON(S);82KOHM,5%,1/2W,AA,TP,2.4X6.4	
....4	R075	2001-003218	R-CARBON(S);0.18ohm,10%,1/2W,AA,TP,2.4x6	
⚠ 4	RX801S	2002-001011	R-COMPOSITION;3.3Mohm,5%,1/2W,AA,TP,3.7x	
⚠ 4	RY801S	2002-001012	R-COMPOSITION;8.2Mohm,5%,1/2W,AA,TP,3.7x	
....4	R310	2003-000458	R-METAL OXIDE(S);100ohm,5%,2W,AF,TP,4x12	
....4	R311	2003-000458	R-METAL OXIDE(S);100ohm,5%,2W,AF,TP,4x12	
....4	R426	2003-000540	R-METAL OXIDE(S);1Kohm,5%,2W,AF,TP,4x12m	
....4	R414	2003-000592	R-METAL OXIDE(S);22ohm,5%,2W,AF,TP,4x12m	
....4	R405	2003-000664	R-METAL OXIDE(S);33ohm,5%,2W,AF,TP,4x12m	
....4	R407	2003-001037	R-METAL OXIDE(S);39ohm,5%,2W,AF,TP,3.9x1	
....4	R410	2003-001037	R-METAL OXIDE(S);39ohm,5%,2W,AF,TP,3.9x1	
....4	RS03	2003-001038	R-METAL OXIDE(S);4.7ohm,5%,2W,AF,TP,3.9x	
....4	RS04	2003-001038	R-METAL OXIDE(S);4.7ohm,5%,2W,AF,TP,3.9x	
....4	R834	2003-001090	R-METAL OXIDE(S);10Kohm,5%,2W,AF,TP,4x12	
....4	R805	2003-001093	R-METAL OXIDE(S);12Kohm,5%,2W,AF,TP,3.9x	
....4	R806	2003-001093	R-METAL OXIDE(S);12Kohm,5%,2W,AF,TP,3.9x	
....4	R807	2003-001093	R-METAL OXIDE(S);12Kohm,5%,2W,AF,TP,3.9x	
....4	R409	2003-002130	R-METAL OXIDE(S);15ohm,5%,2W,AF,TP,3.9x1	
....4	R456	2003-002130	R-METAL OXIDE(S);15ohm,5%,2W,AF,TP,3.9x1	
....4	R458	2003-002130	R-METAL OXIDE(S);15ohm,5%,2W,AF,TP,3.9x1	
....4	R429	2004-000698	R-METAL;3.3Kohm,1%,1/4W,AA,TP,2.4x6.4m	
....4	R024	2004-001390	R-METAL(S);1Kohm,2%,1/2W,AA,TP,2.4x6.4mm	
....4	R024	2004-001390	R-METAL(S);1Kohm,2%,1/2W,AA,TP,2.4x6.4mm	
....4	R024	2004-001397	R-METAL(S);4.7Kohm,1%,1/2W,AA,TP,2.4x6.4	
....4	R024	2004-001984	R-METAL(S);26.7Kohm,1%,1/2W,AA,TP,2.4x6.	

Level	Loc. No.	Code No.	Description ; Specification	Remark
....4	R024	2004-002016	R-METAL(S);15Kohm,1%,1/2W,AA,TP,2.5x6.5m	
....4	R024	2004-002016	R-METAL(S);15Kohm,1%,1/2W,AA,TP,2.5x6.5m	
....4	R024	2004-004366	R-METAL(S);1.3Kohm,1%,1/2W,AA,TP,2.5x6.5	
....4	R024	2004-004366	R-METAL(S);1.3Kohm,1%,1/2W,AA,TP,2.5x6.5	
....4	RS01	2006-001081	R-CEMENT;82ohm,5%,5W,CJ,TP,14x10x27mm	
....4	RS02	2006-001081	R-CEMENT;82ohm,5%,5W,CJ,TP,14x10x27mm	
⚠ 4	R419S	2008-000266	R-FUSIBLE(S);1ohm,5%,2W,AF,TP,3.9x10mm	
⚠ 4	R437S	2008-000282	R-FUSIBLE;0.47ohm,5%,1W,AA,TP,3.9x12mm	
....4	R455	2008-001003	R-FUSIBLE(S);5.6ohm,5%,1W,AF,TP,3.9x10mm	
⚠ 4	R423S	2008-001011	R-FUSIBLE(S);0.18ohm,10%,2W,AF,TP,3.9x10	
⚠ 4	R424S	2008-001011	R-FUSIBLE(S);0.18ohm,10%,2W,AF,TP,3.9x10	
⚠ 4	R809S	2008-001011	R-FUSIBLE(S);0.18ohm,10%,2W,AF,TP,3.9x10	
⚠ 4	R425S	2008-001019	R-FUSIBLE;0.2ohm,10%,1/2W,AA,TP,2.5x6.5m	
....4	R401	2008-001031	R-FUSIBLE(S);1.8ohm,5%,1W,AF,TP,3.9x10mm	
....4	R450	2008-001033	R-FUSIBLE(S);10ohm,5%,2W,AF,TP,3.9x10mm	
....4	R836	2008-001050	R-FUSIBLE;22ohm,5%,2W,AF,TP,3.9x10mm	
....4	R812	2009-000017	R-METAL PLATE;0.1ohm,10%,5W,CL,TP,5x14x1	
....4	C598	2201-000119	C-CERAMIC,DISC;100NF,+80-20%,50V,Y5V,TP,	
....4	C598	2201-000132	C-CERAMIC,DISC;0.1NF,10%,500V,Y5P,TP,6.5	
....4	C598	2201-000291	C-CERAMIC,DISC;1NF,10%,500V,Y5P,TP,7.5X3	
....4	C598	2201-000291	C-CERAMIC,DISC;1NF,10%,500V,Y5P,TP,7.5X3	
....4	C598	2201-000017	C-CERAMIC,DISC;1NF,10%,50V,Y5P,TP,5X3.5M	
....4	C598	2201-000315	C-CERAMIC,DISC;2.2NF,+80-20%,250V,Y5U,TP	
....4	C598	2201-000315	C-CERAMIC,DISC;2.2NF,+80-20%,250V,Y5U,TP	
....4	C598	2201-000332	C-CERAMIC,DISC;2.2NF,20%,250V,Y5U,TP,9X4	
....4	C598	2201-000551	C-CERAMIC,DISC;0.47NF,10%,1KV,Y5P,TP,6.3	
....4	C598	2201-000551	C-CERAMIC,DISC;0.47NF,10%,1KV,Y5P,TP,6.3	
....4	C598	2201-000551	C-CERAMIC,DISC;0.47NF,10%,1KV,Y5P,TP,6.3	
....4	C598	2201-000556	C-CERAMIC,DISC;0.47NF,10%,500V,Y5P,TP,5.	
....4	C598	2201-000556	C-CERAMIC,DISC;0.47NF,10%,500V,Y5P,TP,5.	
....4	C598	2201-000556	C-CERAMIC,DISC;0.47NF,10%,500V,Y5P,TP,5.	
....4	C598	2201-000556	C-CERAMIC,DISC;0.47NF,10%,500V,Y5P,TP,5.	
....4	C598	2201-000556	C-CERAMIC,DISC;0.47NF,10%,500V,Y5P,TP,5.	
....4	C598	2201-000599	C-CERAMIC,DISC;0.56NF,10%,500V,Y5P,TP,5.	
....4	C598	2201-002041	C-CERAMIC,DISC;0.82NF,10%,2KV,Y5P,TP,9X5	
....4	C598	2201-002076	C-CERAMIC,DISC;0.068nF,5%,1kV,SL,TP,8x4m	
....4	C689	2202-000632	C-CERAMIC,MLC-AXIAL;100nF,20%,50V,Z5U,TP	
....4	C2560	2301-000160	C-FILM,LEAD-PEF;12nF,5%,50V,TP,11.0x6.0x	
....4	C2560	2301-000188	C-FILM,LEAD-PEF;1nF,5%,100V,TP,10.5x12.5	
....4	C2560	2301-000213	C-FILM,LEAD-PEF;220nF,5%,250V,TP,21.5x11	
....4	C2560	2301-000232	C-FILM,LEAD-PEF;3.3nF,5%,50V,TP,8.1x4.5x	
....4	C2560	2301-000247	C-FILM,LEAD-PEF;33nF,5%,50V,TP,8.1x4.5x1	
....4	C2560	2301-000356	C-FILM,LEAD-PEF;47nF,5%,50V,TP,7.5x4.0x6	
....4	C2560	2301-000383	C-FILM,LEAD-PEF;10nF,5%,50V,TP,6x7x3.2mm	
....4	C411	2301-001143	C-FILM,LEAD-PPF;56nF,5%,400V,TP,20x10x17	
....4	C817	2301-001171	C-FILM,LEAD-PPF;10nF,5%,400V,TP,20x6.5x1	
....4	CS01	2301-001211	C-FILM,LEAD-PPF;22nF,5%,400V,TP,20x7x14,	
....4	C2560	2305-000149	C-FILM,LEAD-PEF;100nF,5%,100V,TP,12x12.5	
....4	C2560	2305-000285	C-FILM,LEAD-PEF;220NF,5%,100V,TP,10.5X5.	
....4	C2560	2305-000412	C-FILM,LEAD-PEF;470nF,5%,63V,TP,-,5mm	
....4	C2560	2305-000470	C-FILM,LEAD-PEF;68nF,5%,100V,TP,-,5mm	
....4	C701	2401-000302	C-AL;100uF,20%,25V,GP,TP,6.3x11,5	
....4	C701	2401-000360	C-AL;100uF,20%,50V,GP,TP,8x11.5,5	
....4	C701	2401-000360	C-AL;100uF,20%,50V,GP,TP,8x11.5,5	
....4	C701	2401-000365	C-AL;100uF,20%,50V,WT,TP,10x12.5mm,	
....4	C701	2401-000722	C-AL;2200uF,20%,25V,WT,TP,16x25,7.5	
....4	C701	2401-000722	C-AL;2200uF,20%,25V,WT,TP,16x25,7.5	
....4	C701	2401-000722	C-AL;2200uF,20%,25V,WT,TP,16x25,7.5	
....4	C701	2401-000832	C-AL;220uF,20%,25V,GP,TP,8x11.5,5	
....4	C701	2401-000927	C-AL;22uF,20%,250V,GP,TP,13x20,5	
....4	C701	2401-001397	C-AL;470uF,20%,25V,GP,TP,10x16,5	
....4	C701	2401-001527	C-AL;47uF,20%,250V,HR,TP,13x25mm,5m	
....4	C701	2401-001655	C-AL;680uF,20%,25V,GP,TP,10x20,5	
....4	C701	2401-001655	C-AL;680uF,20%,25V,GP,TP,10x20,5	
....4	C701	2401-000025	C-AL;100uF,20%,16V,GP,TP,6.3x11,5	
....4	C701	2401-001914	C-AL;1uF,20%,50V,BP,TP,5x11,5	
....4	C701	2401-002463	C-AL;470uF,20%,16V,GP,TP,8x11.5,5	
....4	C701	2401-002597	C-AL;220uF,20%,35V,GP,TP,10x12.5,5	
....4	L810	2701-001030	INDUCTOR-AXIAL;43uH,10%,4514	
....4	L818	2701-001030	INDUCTOR-AXIAL;43uH,10%,4514	
....4	L410	2701-001032	INDUCTOR-AXIAL;100uH,10%,4514	
....4	F101	2901-000297	FILTER-EMI ON BOARD;-,3A,-,-,3.5x5,TP,-	
....4	F101	2901-000297	FILTER-EMI ON BOARD;-,3A,-,-,3.5x5,TP,-	
....4	F101	2901-000297	FILTER-EMI ON BOARD;-,3A,-,-,3.5x5,TP,-	
....4	F101	2901-000297	FILTER-EMI ON BOARD;-,3A,-,-,3.5x5,TP,-	
....4	F101	2901-000297	FILTER-EMI ON BOARD;-,3A,-,-,3.5x5,TP,-	
....4	F101	2901-000297	FILTER-EMI ON BOARD;-,3A,-,-,3.5x5,TP,-	
....4	F101	2901-000297	FILTER-EMI ON BOARD;-,3A,-,-,3.5x5,TP,-	
....4	F101	2901-000297	FILTER-EMI ON BOARD;-,3A,-,-,3.5x5,TP,-	
....4	F101	2901-000297	FILTER-EMI ON BOARD;-,3A,-,-,3.5x5,TP,-	
....4	F101	2901-000297	FILTER-EMI ON BOARD;-,3A,-,-,3.5x5,TP,-	
....4	F101	2901-000297	FILTER-EMI ON BOARD;-,3A,-,-,3.5x5,TP,-	
....4	F101	2901-000297	FILTER-EMI ON BOARD;-,3A,-,-,3.5x5,TP,-	
....4	F101	2901-000299	FILTER-EMI ON BOARD;-,6A,UL/CSA,-,9x7.5,	
....4	L302	3301-000287	BEAD-AXIAL;3.5x1.0x6.0mm,1500,2400G	
....4	L303	3301-000287	BEAD-AXIAL;3.5x1.0x6.0mm,1500,2400G	
....4	L409	3301-000287	BEAD-AXIAL;3.5x1.0x6.0mm,1500,2400G	
....4	L807	3301-000287	BEAD-AXIAL;3.5x1.0x6.0mm,1500,2400G	
....4	L808	3301-000287	BEAD-AXIAL;3.5x1.0x6.0mm,1500,2400G	
....4	L817	3301-000287	BEAD-AXIAL;3.5x1.0x6.0mm,1500,2400G	
⚠ 4	FD802S	3601-000120	FUSE-AXIAL LEAD;125V,2.5A,FAST-ACTING,GL	
⚠ 4	FA801S	3601-001228	FUSE-AXIAL LEAD;125V,10A,FAST-ACTING,EPO	
⚠ 4	FA802S	3601-001228	FUSE-AXIAL LEAD;125V,10A,FAST-ACTING,EPO	
....4	FP801A	3602-000114	FUSE-HOLDER;-,-,30mohm	
....4	FP801B	3602-000114	FUSE-HOLDER;-,-,30mohm	
....4	EL401	6042-000002	EYELET;ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H	S.N.A
....4	EL402	6042-000002	EYELET;ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H	S.N.A
....4	EL403	6042-000002	EYELET;ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H	S.N.A
....4	EL404	6042-000002	EYELET;ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H	S.N.A
....4	EL405	6042-000002	EYELET;ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H	S.N.A
....4	EL406	6042-000002	EYELET;ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H	S.N.A
....4	EL407	6042-000002	EYELET;ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H	S.N.A
....4	EL408	6042-000002	EYELET;ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H	S.N.A
....4	EL801	6042-000002	EYELET;ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H	S.N.A
....4	EL802	6042-000002	EYELET;ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H	S.N.A
....4	EL803	6042-000002	EYELET;ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H	S.N.A
....4	EL804	6042-000002	EYELET;ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H	S.N.A
....4	EL805	6042-000002	EYELET;ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H	S.N.A
....4	EL806	6042-000002	EYELET;ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H	S.N.A
....4	EL807	6042-000002	EYELET;ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H	S.N.A
....4	EL808	6042-000002	EYELET;ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H	S.N.A
....4	EL810	6042-000002	EYELET;ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H	S.N.A
....4	EL811	6042-000002	EYELET;ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H	S.N.A
....4	EY301	6042-000002	EYELET;ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H	S.N.A
....4	EY302	6042-000002	EYELET;ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H	S.N.A
....4	EY303	6042-000002	EYELET;ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H	S.N.A
....4	EY304	6042-000002	EYELET;ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H	S.N.A
....4	EY401	6042-000002	EYELET;ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H	S.N.A
....4	EY402	6042-000002	EYELET;ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H	S.N.A
....4	EY403	6042-000002	EYELET;ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H	S.N.A
....4	EY404	6042-000002	EYELET;ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H	S.N.A
....4	EY405	6042-000002	EYELET;ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H	S.N.A
....4	EY406	6042-000002	EYELET;ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H	S.N.A
....4	EY407	6042-000002	EYELET;ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H	S.N.A
....4	EY408	6042-000002	EYELET;ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H	S.N.A
....4	EY409	6042-000002	EYELET;ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H	S.N.A
....4	EY410	6042-000002	EYELET;ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H	S.N.A
....4	EY411	6042-000002	EYELET;ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H	S.N.A
....4	EY412	6042-000002	EYELET;ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H	S.N.A
....4	EY413	6042-000002	EYELET;ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H	S.N.A
....4	EY414	6042-000002	EYELET;ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H	S.N.A
....4	EY415	6042-000002	EYELET;ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H	S.N.A
....4	EY416	6042-000002	EYELET;ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H	S.N.A
....4	EY417	6042-000002	EYELET;ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H	S.N.A
....4	EY419	6042-000002	EYELET;ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H	S.N.A
....4	EY420	6042-000002	EYELET;ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H	S.N.A
....4	EY421	6042-000002	EYELET;ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H	S.N.A
....4	EY422	6042-000002	EYELET;ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H	S.N.A
....4	EY423	6042-000002	EYELET;ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H	S.N.A
....4	EY425	6042-000002	EYELET;ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H	S.N.A
....4	EY426	6042-000002	EYELET;ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H	S.N.A
....4	EY427	6042-000002	EYELET;ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H	S.N.A
....4	EY428	6042-000002	EYELET;ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H	S.N.A
....4	EY429	6042-000002	EYELET;ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H	S.N.A
....4	EY430	6042-000002	EYELET;ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H	S.N.A
....4	EY431	6042-000002	EYELET;ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H	S.N.A
....4	EY432	6042-000002	EYELET;ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H	S.N.A
....4	EY433	6042-000002	EYELET;ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H	S.N.A
....4	EY434	6042-000002	EYELET;ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H	S.N.A
....4	EY435	6042-000002	EYELET;ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H	S.N.A
....4	EY436	6042-000002	EYELET;ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H	S.N.A
....4	EY437	6042-000002	EYELET;ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H	S.N.A
....4	EY438	6042-000002	EYELET;ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H	S.N.A
....4	EY439	6042-000002	EYELET;ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H	S.N.A

Level	Loc. No.	Code No.	Description ; Specification	Remark
....4	EY440	6042-000002	EYELET;ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H	S.N.A
....4	EY441	6042-000002	EYELET;ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H	S.N.A
....4	EY442	6042-000002	EYELET;ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H	S.N.A
....4	EY443	6042-000002	EYELET;ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H	S.N.A
....4	EY444	6042-000002	EYELET;ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H	S.N.A
....4	EY445	6042-000002	EYELET;ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H	S.N.A
....4	EY446	6042-000002	EYELET;ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H	S.N.A
....4	EY447	6042-000002	EYELET;ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H	S.N.A
....4	EY448	6042-000002	EYELET;ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H	S.N.A
....4	EY449	6042-000002	EYELET;ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H	S.N.A
....4	EY450	6042-000002	EYELET;ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H	S.N.A
....4	EY451	6042-000002	EYELET;ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H	S.N.A
....4	EY452	6042-000002	EYELET;ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H	S.N.A
....4	EY453	6042-000002	EYELET;ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H	S.N.A
....4	EY454	6042-000002	EYELET;ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H	S.N.A
....4	EY455	6042-000002	EYELET;ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H	S.N.A
....4	EY456	6042-000002	EYELET;ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H	S.N.A
....4	EY457	6042-000002	EYELET;ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H	S.N.A
....4	EY458	6042-000002	EYELET;ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H	S.N.A
....4	EY460	6042-000002	EYELET;ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H	S.N.A
....4	EY461	6042-000002	EYELET;ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H	S.N.A
....4	EY462	6042-000002	EYELET;ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H	S.N.A
....4	EY463	6042-000002	EYELET;ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H	S.N.A
....4	EY801	6042-000002	EYELET;ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H	S.N.A
....4	EY802	6042-000002	EYELET;ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H	S.N.A
....4	EY803	6042-000002	EYELET;ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H	S.N.A
....4	EY804	6042-000002	EYELET;ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H	S.N.A
....4	EY805	6042-000002	EYELET;ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H	S.N.A
....4	EY806	6042-000002	EYELET;ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H	S.N.A
....4	EY807	6042-000002	EYELET;ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H	S.N.A
....4	EY808	6042-000002	EYELET;ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H	S.N.A
....4	EY809	6042-000002	EYELET;ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H	S.N.A
....4	EY810	6042-000002	EYELET;ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H	S.N.A
....4	EY811	6042-000002	EYELET;ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H	S.N.A
....4	EY812	6042-000002	EYELET;ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H	S.N.A
....4	EY813	6042-000002	EYELET;ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H	S.N.A
....4	EY814	6042-000002	EYELET;ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H	S.N.A
....4	EY815	6042-000002	EYELET;ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H	S.N.A
....4	EY816	6042-000002	EYELET;ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H	S.N.A
....4	EY817	6042-000002	EYELET;ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H	S.N.A
....4	EY818	6042-000002	EYELET;ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H	S.N.A
....4	EY819	6042-000002	EYELET;ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H	S.N.A
....4	EY820	6042-000002	EYELET;ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H	S.N.A
....4	EY821	6042-000002	EYELET;ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H	S.N.A
....4	EY822	6042-000002	EYELET;ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H	S.N.A
....4	EY823	6042-000002	EYELET;ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H	S.N.A
....4	EY824	6042-000002	EYELET;ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H	S.N.A
....4	EY825	6042-000002	EYELET;ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H	S.N.A
....4	EY826	6042-000002	EYELET;ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H	S.N.A
....4	EY827	6042-000002	EYELET;ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H	S.N.A
....4	EY828	6042-000002	EYELET;ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H	S.N.A
....4	EY829	6042-000002	EYELET;ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H	S.N.A
....4	EY830	6042-000002	EYELET;ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H	S.N.A
....4	EY831	6042-000002	EYELET;ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H	S.N.A
....4	EY832	6042-000002	EYELET;ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H	S.N.A
....4	EY833	6042-000002	EYELET;ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H	S.N.A
....4	EY834	6042-000002	EYELET;ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H	S.N.A
....4	EY835	6042-000002	EYELET;ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H	S.N.A
....4	EY836	6042-000002	EYELET;ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H	S.N.A
....4	EY837	6042-000002	EYELET;ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H	S.N.A
....4	EY838	6042-000002	EYELET;ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H	S.N.A
....4	EY839	6042-000002	EYELET;ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H	S.N.A
....4	EY840	6042-000002	EYELET;ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H	S.N.A
....4	EY841	6042-000002	EYELET;ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H	S.N.A
....4	EY842	6042-000002	EYELET;ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H	S.N.A
....4	EY843	6042-000002	EYELET;ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H	S.N.A
....4	EY844	6042-000002	EYELET;ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H	S.N.A
....4	EY845	6042-000002	EYELET;ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H	S.N.A
....4	EY846	6042-000002	EYELET;ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H	S.N.A
....4	EY847	6042-000002	EYELET;ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H	S.N.A
....4	EY848	6042-000002	EYELET;ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H	S.N.A
....4	EY849	6042-000002	EYELET;ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H	S.N.A
....4	EY850	6042-000002	EYELET;ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H	S.N.A
....4	EY851	6042-000002	EYELET;ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H	S.N.A
....4	EY852	6042-000002	EYELET;ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H	S.N.A
....4	EY858	6042-000002	EYELET;ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H	S.N.A
....4	EY859	6042-000002	EYELET;ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H	S.N.A
....4	EY860	6042-000002	EYELET;ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H	S.N.A
....4	EY861	6042-000002	EYELET;ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H	S.N.A
....4	EY862	6042-000002	EYELET;ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H	S.N.A
....4	EY863	6042-000002	EYELET;ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H	S.N.A
....4	EY868	6042-000002	EYELET;ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H	S.N.A
....4	EY869	6042-000002	EYELET;ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H	S.N.A
....4	EY870	6042-000002	EYELET;ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H	S.N.A
....4	EY871	6042-000002	EYELET;ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H	S.N.A
....4	EY872	6042-000002	EYELET;ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H	S.N.A
....4	EY873	6042-000002	EYELET;ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H	S.N.A
....4	EY874	6042-000002	EYELET;ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H	S.N.A
....4	EY876	6042-000002	EYELET;ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H	S.N.A
....4	EY877	6042-000002	EYELET;ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H	S.N.A
....4	EY879	6042-000002	EYELET;ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H	S.N.A
....4	EY880	6042-000002	EYELET;ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H	S.N.A
....4	EY881	6042-000002	EYELET;ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H	S.N.A
....4	EY882	6042-000002	EYELET;ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H	S.N.A
....4	EY888	6042-000002	EYELET;ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H	S.N.A
....4	EY889	6042-000002	EYELET;ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H	S.N.A
....4	GT403	AA60-40014A	PIN-GT,ASSY;AUTO	S.N.A
....4	GT404	AA60-40014A	PIN-GT,ASSY;AUTO	S.N.A
....4	GT405	AA60-40014A	PIN-GT,ASSY;AUTO	S.N.A
....4	GT406	AA60-40014A	PIN-GT,ASSY;AUTO	S.N.A
....4	GT801	AA60-40014A	PIN-GT,ASSY;AUTO	S.N.A
....4	GT802	AA60-40014A	PIN-GT,ASSY;AUTO	S.N.A
....4	GT803	AA60-40014A	PIN-GT,ASSY;AUTO	S.N.A
....4	GT804	AA60-40014A	PIN-GT,ASSY;AUTO	S.N.A
....4	GT805	AA60-40014A	PIN-GT,ASSY;AUTO	S.N.A
....4	GT814	AA60-40014A	PIN-GT,ASSY;AUTO	S.N.A
....4	GTS01	AA60-40014A	PIN-GT,ASSY;AUTO	S.N.A
....4	PCB	AA41-00157G	PCB-POWER;WS36Z48D,CEM-1,1L,G,1.6T,330X1	S.N.A
...3	GT301	AA60-40012D	PIN-GT,ASSY;T1.6,6-12.5-,NYLON66	S.N.A
...3	Q409	0505-001723	FET-SILICON;FQP630TSTU,N,200V,9A,0.4OHM,	
..2	T0073	AA94-08498F	ASSY PCB MAIN;CS34Z6HF9X/FES,KS4A,HUNGAR	
...3		0202-000187	SOLDER-WIRE FLUX;-,RS60S,D1.2,63Sn/37Pb	S.N.A
...3	IC104	0801-000314	IC-CMOS LOGIC;74HCT86,OR GATE,DIP,14P,30	
...3	IC106	1001-000223	IC-VIDEO SWITCH;TEA5114A,-,DIP,16P,334MI	
...3	IC101	1001-001038	IC-ANALOG SWITCH;SAA1300,-,SOT-142,9P,-,	
...3	IC106	1001-001073	IC-VIDEO SWITCH;TEA6415C,VIDEO SWITCH,DI	
...3	IC702	1001-001113	IC-AUDIO SWITCH;TEA6422,SOUND SWITCH ,SD	
...3	ICS02	1001-001113	IC-AUDIO SWITCH;TEA6422,SOUND SWITCH ,SD	
...3	IC106	1001-001114	IC-VIDEO SWITCH;TEA6425,VIDEO SWITCH ,DI	
...3	IC703	1002-001193	IC-A/D&D/A CONVERTER;PCF8591P,8bit,DIP,1	
...3	IC112	1103-001177	IC-EEPROM;24WC16,2048x8Bit,DIP,8P,-,-,2.	
...3	DU410	1201-000191	IC-OP AMP;4558,DIP,8P,300MIL,DUAL,20V/mV	
...3	T0124	1201-000407	IC-POWER AMP;7050,DIP,8P,-,SINGLE,-,PLAS	
...3	IC012	1203-000165	IC-POSI.ADJUST REG.;78R12,TO-220,4P,-,PL	
...3	IC601	1204-001775	IC-SOUND PROCESSOR;MSP3410D-C5 9458 ,SDI	
...3	CN906	3711-003043	CONNECTOR-HEADER;BOX,4P,1R,2.5MM,STRAIGH	
...3	CN906	3711-003241	CONNECTOR-HEADER;BOX,14P,1R,2.5MM,STRAIG	
...3	CN906	3711-003241	CONNECTOR-HEADER;BOX,14P,1R,2.5MM,STRAIG	
...3	CN906	3711-003641	CONNECTOR-HEADER;BOX,12P,1R,2.5mm,STRAIG	
...3	CN906	3711-003974	CONNECTOR-HEADER;BOX,12P,1R,2.5mm,STRAIG	
...3	CJ704A	3722-000183	JACK-SCART;21P,4mm,SN,BLK,NO	
...3	CJ701A	3722-000195	JACK-SCART;42P,-,SN,BLK,NO	
...3	T0251	AA26-00069A	TRANS FBT-C BLOCK;FUJ-29C002C(S),DREAM3,	
...3	T0245	AA39-00101C	LEAD CONNECTOR-ASSY;,4P,200MM,35155-0400	
...3	T0245	AA39-00242A	LEAD CONNECTOR-ASSY;,5P,600/580MM,67096-	
...3	T0245	AA39-20010C	LEAD CONNECTOR-ASSY;,1P,600,YFH800-01,S,	
...3	T0245	AA39-20015B	LEAD CONNECTOR-ASSY;,3(2)P,200,67096-003	
...3	T0568	AA39-30007A	CBF IF;-,T,100mm,1365#26	
...3	TU01	AA40-00083A	TUNER;TCLS3101PD16A(S),PAL B/G,D/K,I,M,1	
...3	TUP01	AA40-00085A	TUNER;TCPS3000PC16A(S),PAL B/G,D/K,I,M,1	
...3		AA65-00011B	CLAMPER CORE-WIRE;ALL MODEL,NYLON 66,V2,	S.N.A
...3		AA65-00011C	CLAMPER CORE-WIRE;ALL MODEL,NYLON 66,V2,	S.N.A
...3		AA65-30009A	CLAMPER CORE-FBT;-,ABS,V0,-,BLK,-	S.N.A
...3	C/W	AA65-30018A	CLAMPER CORE-WIRE;DONG-A,NYLON-66,-,-,-,	S.N.A
...3		AA65-30018A	CLAMPER CORE-WIRE;DONG-A,NYLON-66,-,-,-,	S.N.A
...3		AA65-30104B	CLAMPER CORE-WIRE;ALL MODEL,NYLON 66,V2,	S.N.A
...3	T0216	AA95-01803A	ASSY SUB-PCB,DOLBY;,KS4A,AA95-00898A,AA9	
....4		0202-000187	SOLDER-WIRE FLUX;-,RS60S,D1.2,63Sn/37Pb	S.N.A
....4		0202-001167	SOLDER-CREAM;RX3603-2330HO,S45A,PASTE,SN	S.N.A
....4	CN906	3711-002704	CONNECTOR-HEADER;NOWALL,6P,1R,2.5mm,ANGL	
....4	CN906	3711-002707	CONNECTOR-HEADER;NOWALL,9P,1R,2.5mm,ANGL	
....4	CN603A	AA61-10068A	BRACKET-PCB;M2160,SPTE,T0.3,-,-,-,-	S.N.A

Level	Loc. No.	Code No.	Description ; Specification	Remark
....4		AA97-07043A	ASSY AUTO-DOLBY;,KS4A,PAL,AA95-01035A	S.N.A
.....5	C701	2401-000287	C-AL;100uF,20%,16V,WT,TP,6.3x11,5	
.....5	C701	2401-000287	C-AL;100uF,20%,16V,WT,TP,6.3x11,5	
.....5	C701	2401-000287	C-AL;100uF,20%,16V,WT,TP,6.3x11,5	
.....5	C701	2401-000287	C-AL;100uF,20%,16V,WT,TP,6.3x11,5	
.....5	C701	2401-000287	C-AL;100uF,20%,16V,WT,TP,6.3x11,5	
.....5	C701	2401-000962	C-AL;22uF,20%,50V,GP,TP,5x11,5	
.....5	C701	2401-000962	C-AL;22uF,20%,50V,GP,TP,5x11,5	
.....5	C701	2401-000050	C-AL;10uF,20%,16V,GP,TP,5x11,2.5	
.....5	C701	2401-000050	C-AL;10uF,20%,16V,GP,TP,5x11,2.5	
.....5	C701	2401-000050	C-AL;10uF,20%,16V,GP,TP,5x11,2.5	
.....5	C701	2401-000050	C-AL;10uF,20%,16V,GP,TP,5x11,2.5	
.....5	F101	2901-000297	FILTER-EMI ON BOARD;-,3A,-,-,3.5x5,TP,-	
.....5	F101	2901-000297	FILTER-EMI ON BOARD;-,3A,-,-,3.5x5,TP,-	
.....5	F101	2901-000297	FILTER-EMI ON BOARD;-,3A,-,-,3.5x5,TP,-	
.....5	F101	2901-000297	FILTER-EMI ON BOARD;-,3A,-,-,3.5x5,TP,-	
.....5		AA97-06931A	ASSY SMD-DOLBY;,KS4A,PAL,AA95-01035A	S.N.A
......6	DU410	1201-000541	IC-OP AMP;062,SOP,8P,153MIL,DUAL,6V/mV,P	
......6	IC601	1204-001198	IC-DECODER;DPL3519A-A2,PLCC,68P,-,PLASTI	
......6	R602	2007-000290	R-CHIP;100ohm,5%,1/8W,TP,2012	
......6	R603	2007-000290	R-CHIP;100ohm,5%,1/8W,TP,2012	
......6	R604	2007-000290	R-CHIP;100ohm,5%,1/8W,TP,2012	
......6	R605	2007-000290	R-CHIP;100ohm,5%,1/8W,TP,2012	
......6	R606	2007-000290	R-CHIP;100ohm,5%,1/8W,TP,2012	
......6	R607	2007-000290	R-CHIP;100ohm,5%,1/8W,TP,2012	
......6	R608	2007-000290	R-CHIP;100ohm,5%,1/8W,TP,2012	
......6	R611	2007-000328	R-CHIP;11Kohm,5%,1/8W,TP,2012	
......6	R612	2007-000328	R-CHIP;11Kohm,5%,1/8W,TP,2012	
......6	R601	2007-000468	R-CHIP;1Kohm,5%,1/8W,TP,2012	
......6	R615	2007-000766	R-CHIP;330ohm,5%,1/8W,TP,2012	
......6	R617	2007-000766	R-CHIP;330ohm,5%,1/8W,TP,2012	
......6	R609	2007-000872	R-CHIP;4.7Kohm,5%,1/8W,TP,2012	
......6	R610	2007-000872	R-CHIP;4.7Kohm,5%,1/8W,TP,2012	
......6	R616	2007-000872	R-CHIP;4.7Kohm,5%,1/8W,TP,2012	
......6	R618	2007-000872	R-CHIP;4.7Kohm,5%,1/8W,TP,2012	
......6	R619	2007-000941	R-CHIP;47Kohm,5%,1/8W,TP,2012	
......6	R620	2007-000941	R-CHIP;47Kohm,5%,1/8W,TP,2012	
......6	R613	2007-001009	R-CHIP;51Kohm,5%,1/8W,TP,2012	
......6	R614	2007-001009	R-CHIP;51Kohm,5%,1/8W,TP,2012	
......6	T0657	2203-000142	C-CER,CHIP;1.5nF,10%,50V,X7R,TP,2012	
......6	T0657	2203-000142	C-CER,CHIP;1.5nF,10%,50V,X7R,TP,2012	
......6	T0657	2203-000142	C-CER,CHIP;1.5nF,10%,50V,X7R,TP,2012	
......6	T0657	2203-000142	C-CER,CHIP;1.5nF,10%,50V,X7R,TP,2012	
......6	T0657	2203-000142	C-CER,CHIP;1.5nF,10%,50V,X7R,TP,2012	
......6	T0657	2203-000181	C-CER,CHIP;100nF,+80-20%,25V,Y5V,TP,2012	
......6	T0657	2203-000181	C-CER,CHIP;100nF,+80-20%,25V,Y5V,TP,2012	
......6	T0657	2203-000181	C-CER,CHIP;100nF,+80-20%,25V,Y5V,TP,2012	
......6	T0657	2203-000260	C-CER,CHIP;10nF,10%,50V,X7R,TP,2012	
......6	T0657	2203-000444	C-CER,CHIP;1nF,10%,50V,X7R,TP,2012,-	
......6	T0657	2203-000444	C-CER,CHIP;1nF,10%,50V,X7R,TP,2012,-	
......6	T0657	2203-000444	C-CER,CHIP;1nF,10%,50V,X7R,TP,2012,-	
......6	T0657	2203-000444	C-CER,CHIP;1nF,10%,50V,X7R,TP,2012,-	
......6	T0657	2203-000575	C-CER,CHIP;220NF,10%,25V,X7R,TP,2012	
......6	T0657	2203-000575	C-CER,CHIP;220NF,10%,25V,X7R,TP,2012	
......6	T0657	2203-000595	C-CER,CHIP;0.22NF,5%,50V,C0G,TP,2012	
......6	T0657	2203-000761	C-CER,CHIP;330nF,10%,16V,X7R,TP,2012,-	
......6	T0657	2203-000938	C-CER,CHIP;0.47NF,5%,50V,C0G,TP,2012	
......6	T0657	2203-000938	C-CER,CHIP;0.47NF,5%,50V,C0G,TP,2012	
......6	T0657	2203-000938	C-CER,CHIP;0.47NF,5%,50V,C0G,TP,2012	
......6	PCB	AA41-00162C	PCB-DOLBY;CS29A7HF,FR-4,2L,C,1.6T,180x24	S.N.A
...3	T0157	AA95-01808A	ASSY SUB-PCB,FEATURE BOX;29,KS4A,PAL,AA	
....4		0202-000187	SOLDER-WIRE FLUX;-,RS60S,D1.2,63Sn/37Pb	S.N.A
....4		0202-001167	SOLDER-CREAM;RX3603-2330HO,S45A,PASTE,SN	S.N.A
....4	DX01	2801-003811	CRYSTAL-UNIT;24.576MHZ,20PPM,28-AAM,30PF	
....4	CX01	2801-004019	CRYSTAL-UNIT;20.25MHz,30ppm,28-AAM,13pF,	
....4	PX01	2801-004019	CRYSTAL-UNIT;20.25MHz,30ppm,28-AAM,13pF,	
....4	CN906	3711-001283	CONNECTOR-HEADER;NOWALL,14P,1R,2.5mm,ANG	
....4	CN906	3711-001283	CONNECTOR-HEADER;NOWALL,14P,1R,2.5mm,ANG	
....4	CN906	3711-003543	CONNECTOR-HEADER;NOWALL,16P,1R,2.5MM,ANG	
....4	CN906	3711-003543	CONNECTOR-HEADER;NOWALL,16P,1R,2.5MM,ANG	
....4		AA63-00100A	SHIELD-CASE;FCC,SPTE,0.5,-,-,-,SCAN-MODU	S.N.A
....4		AA97-05443A	ASSY AUTO-SUB;29,KS4A,PAL	S.N.A
.....5	T0156	0501-000283	TR-SMALL SIGNAL;KSA539,PNP,400mW,TO-92,T	
.....5	IC14	1202-000001	IC-VOLTAGE COMP.;7533,TO-92,3P,-,SINGLE,	
.....5	IC12	1203-001140	IC-VOL. DETECTOR;7039,TO-92P,3P,-,PLASTI	
.....5	CR40	2003-002044	R-METAL OXIDE(S);100ohm,5%,1W,AF,TP,2.5x	
.....5	C701	2401-000480	C-AL;10uF,20%,50V,GP,TP,5x11,5	
.....5	C701	2401-000480	C-AL;10uF,20%,50V,GP,TP,5x11,5	
.....5	C701	2401-000480	C-AL;10uF,20%,50V,GP,TP,5x11,5	
.....5	C701	2401-000480	C-AL;10uF,20%,50V,GP,TP,5x11,5	
.....5	C701	2401-000486	C-AL;10uF,20%,50V,GP,TP,6.3x7mm,5	
.....5	C701	2401-000493	C-AL;10uF,20%,50V,LZ,TP,5x11mm,5mm	
.....5	C701	2401-000603	C-AL;1UF,20%,50V,GP,TP,5X11,2	
.....5	C701	2401-000603	C-AL;1UF,20%,50V,GP,TP,5X11,2	
.....5	C701	2401-000603	C-AL;1UF,20%,50V,GP,TP,5X11,2	
.....5	C701	2401-000603	C-AL;1UF,20%,50V,GP,TP,5X11,2	
.....5	C701	2401-000620	C-AL;2.2uF,10%,50V,GP,TP,5x11,5	
.....5	C701	2401-000620	C-AL;2.2uF,10%,50V,GP,TP,5x11,5	
.....5	C701	2401-000025	C-AL;100uF,20%,16V,GP,TP,6.3x11,5	
.....5	C701	2401-000025	C-AL;100uF,20%,16V,GP,TP,6.3x11,5	
.....5	C701	2401-000025	C-AL;100uF,20%,16V,GP,TP,6.3x11,5	
.....5	C701	2401-002042	C-AL;220uF,20%,10V,GP,TP,6.3x11,5	
.....5	C701	2401-002042	C-AL;220uF,20%,10V,GP,TP,6.3x11,5	
.....5	C701	2401-002144	C-AL;47uF,20%,16V,GP,TP,5x11,5	
.....5	C701	2401-002144	C-AL;47uF,20%,16V,GP,TP,5x11,5	
.....5	C701	2401-002144	C-AL;47uF,20%,16V,GP,TP,5x11,5	
.....5	C701	2401-002144	C-AL;47uF,20%,16V,GP,TP,5x11,5	
.....5	C701	2401-002144	C-AL;47uF,20%,16V,GP,TP,5x11,5	
.....5	C701	2401-002144	C-AL;47uF,20%,16V,GP,TP,5x11,5	
.....5	C701	2401-002144	C-AL;47uF,20%,16V,GP,TP,5x11,5	
.....5	C701	2401-002144	C-AL;47uF,20%,16V,GP,TP,5x11,5	
.....5	C701	2401-002144	C-AL;47uF,20%,16V,GP,TP,5x11,5	
.....5	C701	2401-002144	C-AL;47uF,20%,16V,GP,TP,5x11,5	
.....5	C701	2401-002144	C-AL;47uF,20%,16V,GP,TP,5x11,5	
.....5	C701	2401-002144	C-AL;47uF,20%,16V,GP,TP,5x11,5	
.....5	C701	2401-002144	C-AL;47uF,20%,16V,GP,TP,5x11,5	
.....5	C701	2401-002144	C-AL;47uF,20%,16V,GP,TP,5x11,5	
.....5	C701	2401-002144	C-AL;47uF,20%,16V,GP,TP,5x11,5	
.....5	C701	2401-003102	C-AL;100uF,20%,10V,GP,TP,5x11,5	
.....5	C701	2401-003102	C-AL;100uF,20%,10V,GP,TP,5x11,5	
.....5	C701	2401-003102	C-AL;100uF,20%,10V,GP,TP,5x11,5	
.....5	C701	2401-003102	C-AL;100uF,20%,10V,GP,TP,5x11,5	
.....5	C701	2401-003102	C-AL;100uF,20%,10V,GP,TP,5x11,5	
.....5	C701	2401-003102	C-AL;100uF,20%,10V,GP,TP,5x11,5	
.....5	DL07	2702-001092	INDUCTOR-RADIAL;2.2uH,10%,4x6mm	
.....5	CL05	2702-001094	INDUCTOR-RADIAL;10uH,10%,4x6mm	
.....5	DL01	2702-001094	INDUCTOR-RADIAL;10uH,10%,4x6mm	
.....5	DL02	2702-001094	INDUCTOR-RADIAL;10uH,10%,4x6mm	
.....5	DL03	2702-001094	INDUCTOR-RADIAL;10uH,10%,4x6mm	
.....5	DL04	2702-001094	INDUCTOR-RADIAL;10uH,10%,4x6mm	
.....5	DL05	2702-001094	INDUCTOR-RADIAL;10uH,10%,4x6mm	
.....5	DL06	2702-001094	INDUCTOR-RADIAL;10uH,10%,4x6mm	
.....5	SL03	2702-001094	INDUCTOR-RADIAL;10uH,10%,4x6mm	
.....5	SL04	2702-001094	INDUCTOR-RADIAL;10uH,10%,4x6mm	
.....5	YL01	2702-001094	INDUCTOR-RADIAL;10uH,10%,4x6mm	
.....5	F101	2901-000297	FILTER-EMI ON BOARD;-,3A,-,-,3.5x5,TP,-	
.....5	F101	2901-000297	FILTER-EMI ON BOARD;-,3A,-,-,3.5x5,TP,-	
.....5	F101	2901-000297	FILTER-EMI ON BOARD;-,3A,-,-,3.5x5,TP,-	
.....5	F101	2901-000297	FILTER-EMI ON BOARD;-,3A,-,-,3.5x5,TP,-	
.....5	F101	2901-000297	FILTER-EMI ON BOARD;-,3A,-,-,3.5x5,TP,-	
.....5	F101	2901-000297	FILTER-EMI ON BOARD;-,3A,-,-,3.5x5,TP,-	
.....5	F101	2901-000297	FILTER-EMI ON BOARD;-,3A,-,-,3.5x5,TP,-	
.....5		AA97-06280A	ASSY SMD-SUB;DP,29,KS4A,AA95-01172A	S.N.A
......6	CD01	0401-000133	DIODE-SWITCHING;RLS4148,100V,200MA,SOD-8	
......6	CD02	0401-000133	DIODE-SWITCHING;RLS4148,100V,200MA,SOD-8	
......6	DD01	0401-000133	DIODE-SWITCHING;RLS4148,100V,200MA,SOD-8	
......6	DD02	0401-000133	DIODE-SWITCHING;RLS4148,100V,200MA,SOD-8	
......6	DD07	0401-000133	DIODE-SWITCHING;RLS4148,100V,200MA,SOD-8	
......6	DZ016	0403-000620	DIODE-ZENER;RLZ5.6B,5.6,500mW,LL-34,TP	
......6	DZ016	0403-000620	DIODE-ZENER;RLZ5.6B,5.6,500mW,LL-34,TP	
......6	DZ016	0403-001117	DIODE-ZENER;RLZ12B,5%,500mW,LL-34,TP	
......6	DZ016	0403-001117	DIODE-ZENER;RLZ12B,5%,500mW,LL-34,TP	
......6	DZ016	0403-001117	DIODE-ZENER;RLZ12B,5%,500mW,LL-34,TP	
......6	DZ016	0403-001127	DIODE-ZENER;02DZ5.1,5.1,200mW,SOD-323,TP	
......6	DZ016	0403-001127	DIODE-ZENER;02DZ5.1,5.1,200mW,SOD-323,TP	
......6	T0156	0501-000280	TR-SMALL SIGNAL;KSA1182,PNP,150mW,SOT-23	
......6	T0156	0501-000280	TR-SMALL SIGNAL;KSA1182,PNP,150mW,SOT-23	
......6	T0156	0501-000280	TR-SMALL SIGNAL;KSA1182,PNP,150mW,SOT-23	
......6	T0156	0501-000280	TR-SMALL SIGNAL;KSA1182,PNP,150mW,SOT-23	
......6	T0156	0501-000344	TR-SMALL SIGNAL;KSC1623-G,NPN,200mW,SOT-	
......6	T0156	0501-000344	TR-SMALL SIGNAL;KSC1623-G,NPN,200mW,SOT-	
......6	T0156	0501-000344	TR-SMALL SIGNAL;KSC1623-G,NPN,200mW,SOT-	
......6	T0156	0501-000344	TR-SMALL SIGNAL;KSC1623-G,NPN,200mW,SOT-	

Level	Loc. No.	Code No.	Description ; Specification	Remark
......6	T0156	0501-000344	TR-SMALL SIGNAL;KSC1623-G,NPN,200mW,SOT-	
......6	T0156	0501-000344	TR-SMALL SIGNAL;KSC1623-G,NPN,200mW,SOT-	
......6	T0156	0501-000344	TR-SMALL SIGNAL;KSC1623-G,NPN,200mW,SOT-	
......6	T0156	0501-000344	TR-SMALL SIGNAL;KSC1623-G,NPN,200mW,SOT-	
......6	T0156	0501-000727	TR-SMALL SIGNAL;BC848C,NPN,310mW,SOT-23,	
......6	T0156	0501-000727	TR-SMALL SIGNAL;BC848C,NPN,310mW,SOT-23,	
......6	T0156	0501-002049	TR-SMALL SIGNAL;BC858,PNP,310mW,SOT-23,T	
......6	T0156	0501-002049	TR-SMALL SIGNAL;BC858,PNP,310mW,SOT-23,T	
......6	T0156	0501-002049	TR-SMALL SIGNAL;BC858,PNP,310mW,SOT-23,T	
......6	IC107	1002-001045	IC-D/A CONVERTER;9280,8BIT,PLCC,68P,-,-,	
......6	IC113	1105-001273	IC-DRAM;416S1120,512Kx16x2Bit,TSOP,50P,4	
......6	IC113	1105-001273	IC-DRAM;416S1120,512Kx16x2Bit,TSOP,50P,4	
......6	T0087	1203-001359	IC-POSI.FIXED REG.;1086,TO-263,3P,15.8MM	
......6	T0123	1203-001419	IC-VOLTAGE REGULATOR;4931,TO-252,3P,6.6x	
......6	T0123	1203-001419	IC-VOLTAGE REGULATOR;4931,TO-252,3P,6.6x	
......6	T0563	1204-001372	IC-HOR./VER.PROCESSO;SDA9361,QFP,44P,-,P	
......6	IC118	1204-001550	IC-VIDEO PROCESS;CXA2101AQ,QFP,80P,-,PLA	
......6	PIC01	1204-001658	IC-PICTURE PROCESS;SDA9489X-B22,SOP,28P,	
......6	DR24	2007-000001	R-CHIP;68Kohm,5%,1/8W,TP,2012	
......6	DR05	2007-000023	R-CHIP;120ohm,5%,1/8W,TP,2012	
......6	DR06	2007-000023	R-CHIP;120ohm,5%,1/8W,TP,2012	
......6	CR34	2007-000029	R-CHIP;0ohm,5%,1/8W,TP,2012	
......6	CR41	2007-000029	R-CHIP;0ohm,5%,1/8W,TP,2012	
......6	DR48	2007-000029	R-CHIP;0ohm,5%,1/8W,TP,2012	
......6	PHR15	2007-000029	R-CHIP;0ohm,5%,1/8W,TP,2012	
......6	PR01	2007-000029	R-CHIP;0ohm,5%,1/8W,TP,2012	
......6	PR19	2007-000029	R-CHIP;0ohm,5%,1/8W,TP,2012	
......6	PR34	2007-000029	R-CHIP;0ohm,5%,1/8W,TP,2012	
......6	YR49	2007-000029	R-CHIP;0ohm,5%,1/8W,TP,2012	
......6	YR52	2007-000029	R-CHIP;0ohm,5%,1/8W,TP,2012	
......6	YR58	2007-000029	R-CHIP;0ohm,5%,1/8W,TP,2012	
......6	YR83	2007-000029	R-CHIP;0ohm,5%,1/8W,TP,2012	
......6	CR30	2007-000030	R-CHIP;560ohm,5%,1/8W,TP,2012	
......6	YR29	2007-000030	R-CHIP;560ohm,5%,1/8W,TP,2012	
......6	YR31	2007-000030	R-CHIP;560ohm,5%,1/8W,TP,2012	
......6	YR33	2007-000030	R-CHIP;560ohm,5%,1/8W,TP,2012	
......6	DR38	2007-000267	R-CHIP;1.8Kohm,5%,1/8W,TP,2012	
......6	CR09	2007-000290	R-CHIP;100ohm,5%,1/8W,TP,2012	
......6	CR10	2007-000290	R-CHIP;100ohm,5%,1/8W,TP,2012	
......6	CR19	2007-000290	R-CHIP;100ohm,5%,1/8W,TP,2012	
......6	CR20	2007-000290	R-CHIP;100ohm,5%,1/8W,TP,2012	
......6	CR22	2007-000290	R-CHIP;100ohm,5%,1/8W,TP,2012	
......6	CR26	2007-000290	R-CHIP;100ohm,5%,1/8W,TP,2012	
......6	CR27	2007-000290	R-CHIP;100ohm,5%,1/8W,TP,2012	
......6	CR32	2007-000290	R-CHIP;100ohm,5%,1/8W,TP,2012	
......6	CR33	2007-000290	R-CHIP;100ohm,5%,1/8W,TP,2012	
......6	CR37	2007-000290	R-CHIP;100ohm,5%,1/8W,TP,2012	
......6	CR38	2007-000290	R-CHIP;100ohm,5%,1/8W,TP,2012	
......6	CR45	2007-000290	R-CHIP;100ohm,5%,1/8W,TP,2012	
......6	DR01	2007-000290	R-CHIP;100ohm,5%,1/8W,TP,2012	
......6	DR02	2007-000290	R-CHIP;100ohm,5%,1/8W,TP,2012	
......6	DR08	2007-000290	R-CHIP;100ohm,5%,1/8W,TP,2012	
......6	DR09	2007-000290	R-CHIP;100ohm,5%,1/8W,TP,2012	
......6	DR11	2007-000290	R-CHIP;100ohm,5%,1/8W,TP,2012	
......6	DR12	2007-000290	R-CHIP;100ohm,5%,1/8W,TP,2012	
......6	DR16	2007-000290	R-CHIP;100ohm,5%,1/8W,TP,2012	
......6	DR17	2007-000290	R-CHIP;100ohm,5%,1/8W,TP,2012	
......6	DR34	2007-000290	R-CHIP;100ohm,5%,1/8W,TP,2012	
......6	DR40	2007-000290	R-CHIP;100ohm,5%,1/8W,TP,2012	
......6	DR41	2007-000290	R-CHIP;100ohm,5%,1/8W,TP,2012	
......6	DR42	2007-000290	R-CHIP;100ohm,5%,1/8W,TP,2012	
......6	DR43	2007-000290	R-CHIP;100ohm,5%,1/8W,TP,2012	
......6	PHR01	2007-000290	R-CHIP;100ohm,5%,1/8W,TP,2012	
......6	PR09	2007-000290	R-CHIP;100ohm,5%,1/8W,TP,2012	
......6	PR10	2007-000290	R-CHIP;100ohm,5%,1/8W,TP,2012	
......6	PR21	2007-000290	R-CHIP;100ohm,5%,1/8W,TP,2012	
......6	SR50	2007-000290	R-CHIP;100ohm,5%,1/8W,TP,2012	
......6	SR51	2007-000290	R-CHIP;100ohm,5%,1/8W,TP,2012	
......6	SR58	2007-000290	R-CHIP;100ohm,5%,1/8W,TP,2012	
......6	YR05	2007-000290	R-CHIP;100ohm,5%,1/8W,TP,2012	
......6	YR06	2007-000290	R-CHIP;100ohm,5%,1/8W,TP,2012	
......6	YR07	2007-000290	R-CHIP;100ohm,5%,1/8W,TP,2012	
......6	YR08	2007-000290	R-CHIP;100ohm,5%,1/8W,TP,2012	
......6	YR09	2007-000290	R-CHIP;100ohm,5%,1/8W,TP,2012	
......6	YR10	2007-000290	R-CHIP;100ohm,5%,1/8W,TP,2012	
......6	YR11	2007-000290	R-CHIP;100ohm,5%,1/8W,TP,2012	
......6	YR12	2007-000290	R-CHIP;100ohm,5%,1/8W,TP,2012	
......6	YR18	2007-000290	R-CHIP;100ohm,5%,1/8W,TP,2012	
......6	YR25	2007-000290	R-CHIP;100ohm,5%,1/8W,TP,2012	
......6	YR26	2007-000290	R-CHIP;100ohm,5%,1/8W,TP,2012	
......6	YR27	2007-000290	R-CHIP;100ohm,5%,1/8W,TP,2012	
......6	YR28	2007-000290	R-CHIP;100ohm,5%,1/8W,TP,2012	
......6	YR30	2007-000290	R-CHIP;100ohm,5%,1/8W,TP,2012	
......6	YR32	2007-000290	R-CHIP;100ohm,5%,1/8W,TP,2012	
......6	YR41	2007-000290	R-CHIP;100ohm,5%,1/8W,TP,2012	
......6	YR46	2007-000290	R-CHIP;100ohm,5%,1/8W,TP,2012	
......6	YR47	2007-000290	R-CHIP;100ohm,5%,1/8W,TP,2012	
......6	YR48	2007-000290	R-CHIP;100ohm,5%,1/8W,TP,2012	
......6	YR53	2007-000290	R-CHIP;100ohm,5%,1/8W,TP,2012	
......6	YR60	2007-000290	R-CHIP;100ohm,5%,1/8W,TP,2012	
......6	YR63	2007-000290	R-CHIP;100ohm,5%,1/8W,TP,2012	
......6	YR84	2007-000290	R-CHIP;100ohm,5%,1/8W,TP,2012	
......6	YR90	2007-000290	R-CHIP;100ohm,5%,1/8W,TP,2012	
......6	YR91	2007-000290	R-CHIP;100ohm,5%,1/8W,TP,2012	
......6	YR92	2007-000290	R-CHIP;100ohm,5%,1/8W,TP,2012	
......6	DR14	2007-000300	R-CHIP;10Kohm,5%,1/8W,TP,2012	
......6	DR26	2007-000300	R-CHIP;10Kohm,5%,1/8W,TP,2012	
......6	DR28	2007-000300	R-CHIP;10Kohm,5%,1/8W,TP,2012	
......6	DR13	2007-000380	R-CHIP;13Kohm,5%,1/8W,TP,2012	
......6	DR04	2007-000401	R-CHIP;150ohm,5%,1/8W,TP,2012	
......6	DR07	2007-000401	R-CHIP;150ohm,5%,1/8W,TP,2012	
......6	DR10	2007-000401	R-CHIP;150ohm,5%,1/8W,TP,2012	
......6	DR15	2007-000401	R-CHIP;150ohm,5%,1/8W,TP,2012	
......6	PR23	2007-000401	R-CHIP;150ohm,5%,1/8W,TP,2012	
......6	PR24	2007-000401	R-CHIP;150ohm,5%,1/8W,TP,2012	
......6	PR25	2007-000401	R-CHIP;150ohm,5%,1/8W,TP,2012	
......6	CR28	2007-000468	R-CHIP;1Kohm,5%,1/8W,TP,2012	
......6	CR46	2007-000468	R-CHIP;1Kohm,5%,1/8W,TP,2012	
......6	DR29	2007-000468	R-CHIP;1Kohm,5%,1/8W,TP,2012	
......6	DR30	2007-000468	R-CHIP;1Kohm,5%,1/8W,TP,2012	
......6	DR31	2007-000468	R-CHIP;1Kohm,5%,1/8W,TP,2012	
......6	DR33	2007-000468	R-CHIP;1Kohm,5%,1/8W,TP,2012	
......6	DR44	2007-000468	R-CHIP;1Kohm,5%,1/8W,TP,2012	
......6	PR07	2007-000468	R-CHIP;1Kohm,5%,1/8W,TP,2012	
......6	YR03	2007-000468	R-CHIP;1Kohm,5%,1/8W,TP,2012	
......6	YR23	2007-000468	R-CHIP;1Kohm,5%,1/8W,TP,2012	
......6	YR24	2007-000468	R-CHIP;1Kohm,5%,1/8W,TP,2012	
......6	YR56	2007-000468	R-CHIP;1Kohm,5%,1/8W,TP,2012	
......6	YR59	2007-000468	R-CHIP;1Kohm,5%,1/8W,TP,2012	
......6	YR62	2007-000468	R-CHIP;1Kohm,5%,1/8W,TP,2012	
......6	YR88	2007-000468	R-CHIP;1Kohm,5%,1/8W,TP,2012	
......6	YR89	2007-000468	R-CHIP;1Kohm,5%,1/8W,TP,2012	
......6	CR29	2007-000493	R-CHIP;2.2Kohm,5%,1/8W,TP,2012	
......6	DR46	2007-000493	R-CHIP;2.2Kohm,5%,1/8W,TP,2012	
......6	SL01	2007-000493	R-CHIP;2.2Kohm,5%,1/8W,TP,2012	
......6	DR20	2007-000518	R-CHIP;2.7Kohm,5%,1/8W,TP,2012	
......6	PR26	2007-000572	R-CHIP;220ohm,5%,1/8W,TP,2012	
......6	PR27	2007-000572	R-CHIP;220ohm,5%,1/8W,TP,2012	
......6	PR28	2007-000572	R-CHIP;220ohm,5%,1/8W,TP,2012	
......6	PR29	2007-000572	R-CHIP;220ohm,5%,1/8W,TP,2012	
......6	PR30	2007-000572	R-CHIP;220ohm,5%,1/8W,TP,2012	
......6	PR31	2007-000572	R-CHIP;220ohm,5%,1/8W,TP,2012	
......6	SR01	2007-000572	R-CHIP;220ohm,5%,1/8W,TP,2012	
......6	SR02	2007-000572	R-CHIP;220ohm,5%,1/8W,TP,2012	
......6	YR65	2007-000582	R-CHIP;22Kohm,1%,1/8W,TP,2012	
......6	CR31	2007-000642	R-CHIP;270ohm,5%,1/8W,TP,2012	
......6	DR25	2007-000653	R-CHIP;27Kohm,5%,1/8W,TP,2012	
......6	PR20	2007-000653	R-CHIP;27Kohm,5%,1/8W,TP,2012	
......6	YR40	2007-000689	R-CHIP;3.3Mohm,5%,1/8W,TP,2012	
......6	YR50	2007-000766	R-CHIP;330ohm,5%,1/8W,TP,2012	
......6	YR51	2007-000766	R-CHIP;330ohm,5%,1/8W,TP,2012	
......6	DR32	2007-000822	R-CHIP;390ohm,5%,1/8W,TP,2012	
......6	CR35	2007-000872	R-CHIP;4.7Kohm,5%,1/8W,TP,2012	
......6	DR22	2007-000872	R-CHIP;4.7Kohm,5%,1/8W,TP,2012	
......6	DR35	2007-000872	R-CHIP;4.7Kohm,5%,1/8W,TP,2012	
......6	DR37	2007-000872	R-CHIP;4.7Kohm,5%,1/8W,TP,2012	
......6	YR98	2007-000872	R-CHIP;4.7Kohm,5%,1/8W,TP,2012	
......6	CR49	2007-000931	R-CHIP;470ohm,5%,1/8W,TP,2012	
......6	CR52	2007-000931	R-CHIP;470ohm,5%,1/8W,TP,2012	
......6	CR55	2007-000931	R-CHIP;470ohm,5%,1/8W,TP,2012	
......6	DR36	2007-000931	R-CHIP;470ohm,5%,1/8W,TP,2012	
......6	PR08	2007-000931	R-CHIP;470ohm,5%,1/8W,TP,2012	

Level	Loc. No.	Code No.	Description ; Specification	Remark
......6	YR14	2007-000931	R-CHIP;470ohm,5%,1/8W,TP,2012	
......6	SR52	2007-000938	R-CHIP;47Kohm,1%,1/8W,TP,2012	
......6	YR15	2007-000938	R-CHIP;47Kohm,1%,1/8W,TP,2012	
......6	CR47	2007-000941	R-CHIP;47Kohm,5%,1/8W,TP,2012	
......6	CR48	2007-000941	R-CHIP;47Kohm,5%,1/8W,TP,2012	
......6	CR50	2007-000941	R-CHIP;47Kohm,5%,1/8W,TP,2012	
......6	CR51	2007-000941	R-CHIP;47Kohm,5%,1/8W,TP,2012	
......6	CR53	2007-000941	R-CHIP;47Kohm,5%,1/8W,TP,2012	
......6	CR54	2007-000941	R-CHIP;47Kohm,5%,1/8W,TP,2012	
......6	DR23	2007-000941	R-CHIP;47Kohm,5%,1/8W,TP,2012	
......6	YR61	2007-000941	R-CHIP;47Kohm,5%,1/8W,TP,2012	
......6	DR19	2007-000947	R-CHIP;47ohm,5%,1/8W,TP,2012	
......6	SR10	2007-000947	R-CHIP;47ohm,5%,1/8W,TP,2012	
......6	SR11	2007-000947	R-CHIP;47ohm,5%,1/8W,TP,2012	
......6	SR12	2007-000947	R-CHIP;47ohm,5%,1/8W,TP,2012	
......6	DR03	2007-001055	R-CHIP;6.2Kohm,5%,1/8W,TP,2012	
......6	CR01	2007-001166	R-CHIP;75ohm,5%,1/8W,TP,2012	
......6	CR02	2007-001166	R-CHIP;75ohm,5%,1/8W,TP,2012	
......6	CR03	2007-001166	R-CHIP;75ohm,5%,1/8W,TP,2012	
......6	CR04	2007-001166	R-CHIP;75ohm,5%,1/8W,TP,2012	
......6	CR05	2007-001166	R-CHIP;75ohm,5%,1/8W,TP,2012	
......6	CR06	2007-001166	R-CHIP;75ohm,5%,1/8W,TP,2012	
......6	CR07	2007-001166	R-CHIP;75ohm,5%,1/8W,TP,2012	
......6	CR08	2007-001166	R-CHIP;75ohm,5%,1/8W,TP,2012	
......6	PHR07	2007-001166	R-CHIP;75ohm,5%,1/8W,TP,2012	
......6	PHR08	2007-001166	R-CHIP;75ohm,5%,1/8W,TP,2012	
......6	PHR09	2007-001166	R-CHIP;75ohm,5%,1/8W,TP,2012	
......6	PHR10	2007-001166	R-CHIP;75ohm,5%,1/8W,TP,2012	
......6	PR32	2007-001201	R-CHIP;820ohm,5%,1/8W,TP,2012	
......6	PR33	2007-001201	R-CHIP;820ohm,5%,1/8W,TP,2012	
......6	DR18	2007-001208	R-CHIP;82Kohm,5%,1/8W,TP,2012	
......6	DR27	2007-001224	R-CHIP;9.1Kohm,5%,1/8W,TP,2012	
......6	SR53	2011-000585	R-NET;47OHM,5%,1/16W,L,CHIP,8P,TP	
......6	SR54	2011-000585	R-NET;47OHM,5%,1/16W,L,CHIP,8P,TP	
......6	SR55	2011-000585	R-NET;47OHM,5%,1/16W,L,CHIP,8P,TP	
......6	SR56	2011-000585	R-NET;47OHM,5%,1/16W,L,CHIP,8P,TP	
......6	T0657	2203-000142	C-CER,CHIP;1.5nF,10%,50V,X7R,TP,2012	
......6	T0657	2203-000142	C-CER,CHIP;1.5nF,10%,50V,X7R,TP,2012	
......6	T0657	2203-000142	C-CER,CHIP;1.5nF,10%,50V,X7R,TP,2012	
......6	T0657	2203-000142	C-CER,CHIP;1.5nF,10%,50V,X7R,TP,2012	
......6	T0657	2203-000142	C-CER,CHIP;1.5nF,10%,50V,X7R,TP,2012	
......6	T0657	2203-000142	C-CER,CHIP;1.5nF,10%,50V,X7R,TP,2012	
......6	T0657	2203-000181	C-CER,CHIP;100nF,+80-20%,25V,Y5V,TP,2012	
......6	T0657	2203-000181	C-CER,CHIP;100nF,+80-20%,25V,Y5V,TP,2012	
......6	T0657	2203-000181	C-CER,CHIP;100nF,+80-20%,25V,Y5V,TP,2012	
......6	T0657	2203-000181	C-CER,CHIP;100nF,+80-20%,25V,Y5V,TP,2012	
......6	T0657	2203-000181	C-CER,CHIP;100nF,+80-20%,25V,Y5V,TP,2012	
......6	T0657	2203-000181	C-CER,CHIP;100nF,+80-20%,25V,Y5V,TP,2012	
......6	T0657	2203-000181	C-CER,CHIP;100nF,+80-20%,25V,Y5V,TP,2012	
......6	T0657	2203-000181	C-CER,CHIP;100nF,+80-20%,25V,Y5V,TP,2012	
......6	T0657	2203-000181	C-CER,CHIP;100nF,+80-20%,25V,Y5V,TP,2012	
......6	T0657	2203-000181	C-CER,CHIP;100nF,+80-20%,25V,Y5V,TP,2012	
......6	T0657	2203-000181	C-CER,CHIP;100nF,+80-20%,25V,Y5V,TP,2012	
......6	T0657	2203-000181	C-CER,CHIP;100nF,+80-20%,25V,Y5V,TP,2012	
......6	T0657	2203-000181	C-CER,CHIP;100nF,+80-20%,25V,Y5V,TP,2012	
......6	T0657	2203-000181	C-CER,CHIP;100nF,+80-20%,25V,Y5V,TP,2012	
......6	T0657	2203-000181	C-CER,CHIP;100nF,+80-20%,25V,Y5V,TP,2012	
......6	T0657	2203-000181	C-CER,CHIP;100nF,+80-20%,25V,Y5V,TP,2012	
......6	T0657	2203-000181	C-CER,CHIP;100nF,+80-20%,25V,Y5V,TP,2012	
......6	T0657	2203-000181	C-CER,CHIP;100nF,+80-20%,25V,Y5V,TP,2012	
......6	T0657	2203-000181	C-CER,CHIP;100nF,+80-20%,25V,Y5V,TP,2012	
......6	T0657	2203-000181	C-CER,CHIP;100nF,+80-20%,25V,Y5V,TP,2012	
......6	T0657	2203-000181	C-CER,CHIP;100nF,+80-20%,25V,Y5V,TP,2012	
......6	T0657	2203-000181	C-CER,CHIP;100nF,+80-20%,25V,Y5V,TP,2012	
......6	T0657	2203-000181	C-CER,CHIP;100nF,+80-20%,25V,Y5V,TP,2012	
......6	T0657	2203-000181	C-CER,CHIP;100nF,+80-20%,25V,Y5V,TP,2012	
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......6	T0657	2203-000181	C-CER,CHIP;100nF,+80-20%,25V,Y5V,TP,2012	
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......6	T0657	2203-000181	C-CER,CHIP;100nF,+80-20%,25V,Y5V,TP,2012	
......6	T0657	2203-000239	C-CER,CHIP;0.1NF,5%,50V,C0G,TP,2012	
......6	T0657	2203-000239	C-CER,CHIP;0.1NF,5%,50V,C0G,TP,2012	
......6	T0657	2203-000239	C-CER,CHIP;0.1NF,5%,50V,C0G,TP,2012	
......6	T0657	2203-000260	C-CER,CHIP;10nF,10%,50V,X7R,TP,2012	
......6	T0657	2203-000260	C-CER,CHIP;10nF,10%,50V,X7R,TP,2012	
......6	T0657	2203-000260	C-CER,CHIP;10nF,10%,50V,X7R,TP,2012	
......6	T0657	2203-000260	C-CER,CHIP;10nF,10%,50V,X7R,TP,2012	
......6	T0657	2203-000260	C-CER,CHIP;10nF,10%,50V,X7R,TP,2012	
......6	T0657	2203-000260	C-CER,CHIP;10nF,10%,50V,X7R,TP,2012	
......6	T0657	2203-000260	C-CER,CHIP;10nF,10%,50V,X7R,TP,2012	
......6	T0657	2203-000260	C-CER,CHIP;10nF,10%,50V,X7R,TP,2012	
......6	T0657	2203-000260	C-CER,CHIP;10nF,10%,50V,X7R,TP,2012	
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......6	T0657	2203-000260	C-CER,CHIP;10nF,10%,50V,X7R,TP,2012	
......6	T0657	2203-000260	C-CER,CHIP;10nF,10%,50V,X7R,TP,2012	
......6	T0657	2203-000260	C-CER,CHIP;10nF,10%,50V,X7R,TP,2012	
......6	T0657	2203-000260	C-CER,CHIP;10nF,10%,50V,X7R,TP,2012	
......6	T0657	2203-000260	C-CER,CHIP;10nF,10%,50V,X7R,TP,2012	
......6	T0657	2203-000260	C-CER,CHIP;10nF,10%,50V,X7R,TP,2012	
......6	T0657	2203-000260	C-CER,CHIP;10nF,10%,50V,X7R,TP,2012	
......6	T0657	2203-000260	C-CER,CHIP;10nF,10%,50V,X7R,TP,2012	
......6	T0657	2203-000274	C-CER,CHIP;0.01NF,0.25PF,50V,C0G,TP,2012	
......6	T0657	2203-000274	C-CER,CHIP;0.01NF,0.25PF,50V,C0G,TP,2012	
......6	T0657	2203-000408	C-CER,CHIP;0.18NF,5%,50V,C0G,TP,2012	
......6	T0657	2203-000444	C-CER,CHIP;1nF,10%,50V,X7R,TP,2012,-	
......6	T0657	2203-000444	C-CER,CHIP;1nF,10%,50V,X7R,TP,2012,-	
......6	T0657	2203-000444	C-CER,CHIP;1nF,10%,50V,X7R,TP,2012,-	
......6	T0657	2203-000444	C-CER,CHIP;1nF,10%,50V,X7R,TP,2012,-	
......6	T0657	2203-000444	C-CER,CHIP;1nF,10%,50V,X7R,TP,2012,-	
......6	T0657	2203-000444	C-CER,CHIP;1nF,10%,50V,X7R,TP,2012,-	
......6	T0657	2203-000555	C-CER,CHIP;0.02NF,5%,50V,C0G,TP,2012	
......6	T0657	2203-000555	C-CER,CHIP;0.02NF,5%,50V,C0G,TP,2012	
......6	T0657	2203-000555	C-CER,CHIP;0.02NF,5%,50V,C0G,TP,2012	
......6	T0657	2203-000575	C-CER,CHIP;220NF,10%,25V,X7R,TP,2012	
......6	T0657	2203-000575	C-CER,CHIP;220NF,10%,25V,X7R,TP,2012	
......6	T0657	2203-000575	C-CER,CHIP;220NF,10%,25V,X7R,TP,2012	
......6	T0657	2203-000575	C-CER,CHIP;220NF,10%,25V,X7R,TP,2012	
......6	T0657	2203-000575	C-CER,CHIP;220NF,10%,25V,X7R,TP,2012	
......6	T0657	2203-000575	C-CER,CHIP;220NF,10%,25V,X7R,TP,2012	
......6	T0657	2203-000683	C-CER,CHIP;0.027NF,5%,50V,C0G,TP,2012	
......6	T0657	2203-000683	C-CER,CHIP;0.027NF,5%,50V,C0G,TP,2012	
......6	T0657	2203-000683	C-CER,CHIP;0.027NF,5%,50V,C0G,TP,2012	
......6	T0657	2203-000683	C-CER,CHIP;0.027NF,5%,50V,C0G,TP,2012	
......6	T0657	2203-000761	C-CER,CHIP;330nF,10%,16V,X7R,TP,2012,-	
......6	T0657	2203-000761	C-CER,CHIP;330nF,10%,16V,X7R,TP,2012,-	

Level	Loc. No.	Code No.	Description ; Specification	Remark
......6	T0657	2203-000761	C-CER,CHIP;330nF,10%,16V,X7R,TP,2012,-	
......6	T0657	2203-000761	C-CER,CHIP;330nF,10%,16V,X7R,TP,2012,-	
......6	T0657	2203-000761	C-CER,CHIP;330nF,10%,16V,X7R,TP,2012,-	
......6	T0657	2203-000761	C-CER,CHIP;330nF,10%,16V,X7R,TP,2012,-	
......6	T0657	2203-000839	C-CER,CHIP;0.39NF,5%,50V,C0G,TP,2012	
......6	T0657	2203-000839	C-CER,CHIP;0.39NF,5%,50V,C0G,TP,2012	
......6	T0657	2203-000839	C-CER,CHIP;0.39NF,5%,50V,C0G,TP,2012	
......6	T0657	2203-000938	C-CER,CHIP;0.47NF,5%,50V,C0G,TP,2012	
......6	T0657	2203-000979	C-CER,CHIP;47nF,10%,50V,X7R,TP,2012	
......6	T0657	2203-000979	C-CER,CHIP;47nF,10%,50V,X7R,TP,2012	
......6	T0657	2203-000979	C-CER,CHIP;47nF,10%,50V,X7R,TP,2012	
......6	T0657	2203-001002	C-CER,CHIP;0.047NF,5%,50V,C0G,TP,2012	
......6	T0657	2203-001002	C-CER,CHIP;0.047NF,5%,50V,C0G,TP,2012	
......6	T0657	2203-001002	C-CER,CHIP;0.047NF,5%,50V,C0G,TP,2012	
......6	T0657	2203-001002	C-CER,CHIP;0.047NF,5%,50V,C0G,TP,2012	
......6	T0657	2203-001088	C-CER,CHIP;0.005nF,0.25pF,50V,NP0,TP,201	
......6	T0657	2203-001088	C-CER,CHIP;0.005nF,0.25pF,50V,NP0,TP,201	
......6	T0657	2203-001088	C-CER,CHIP;0.005nF,0.25pF,50V,NP0,TP,201	
......6	T0657	2203-001223	C-CER,CHIP;0.82nF,10%,50V,X7R,TP,2012	
......6	T0657	2203-001245	C-CER,CHIP;0.082nF,5%,50V,NP0,TP,2012	
......6	T0657	2203-001646	C-CER,CHIP;3pF,0.5pF,50V,NPO,TP,2012,2mm	
......6	T0657	2203-001646	C-CER,CHIP;3pF,0.5pF,50V,NPO,TP,2012,2mm	
......6	T0657	2203-002494	C-CER,CHIP;470nF,10%,16V,X7R,TP,2012	
......6	T0657	2203-002494	C-CER,CHIP;470nF,10%,16V,X7R,TP,2012	
......6	T0657	2203-002494	C-CER,CHIP;470nF,10%,16V,X7R,TP,2012	
......6	T0657	2203-002494	C-CER,CHIP;470nF,10%,16V,X7R,TP,2012	
......6	T0657	2203-002494	C-CER,CHIP;470nF,10%,16V,X7R,TP,2012	
......6	T0657	2203-002494	C-CER,CHIP;470nF,10%,16V,X7R,TP,2012	
......6	T0657	2203-002494	C-CER,CHIP;470nF,10%,16V,X7R,TP,2012	
......6	T0657	2203-002494	C-CER,CHIP;470nF,10%,16V,X7R,TP,2012	
......6	T0657	2203-002494	C-CER,CHIP;470nF,10%,16V,X7R,TP,2012	
......6	T0657	2203-002494	C-CER,CHIP;470nF,10%,16V,X7R,TP,2012	
......6	T0657	2203-002494	C-CER,CHIP;470nF,10%,16V,X7R,TP,2012	
......6	T0657	2203-002494	C-CER,CHIP;470nF,10%,16V,X7R,TP,2012	
......6	T0657	2203-002494	C-CER,CHIP;470nF,10%,16V,X7R,TP,2012	
......6	T0657	2203-002494	C-CER,CHIP;470nF,10%,16V,X7R,TP,2012	
......6	T0657	2203-002494	C-CER,CHIP;470nF,10%,16V,X7R,TP,2012	
......6	T0657	2203-002494	C-CER,CHIP;470nF,10%,16V,X7R,TP,2012	
......6	T0657	2203-002494	C-CER,CHIP;470nF,10%,16V,X7R,TP,2012	
......6	T0657	2203-002494	C-CER,CHIP;470nF,10%,16V,X7R,TP,2012	
......6	T0657	2203-002494	C-CER,CHIP;470nF,10%,16V,X7R,TP,2012	
......6	T0657	2203-002494	C-CER,CHIP;470nF,10%,16V,X7R,TP,2012	
......6	T0657	2203-002494	C-CER,CHIP;470nF,10%,16V,X7R,TP,2012	
......6	T0657	2203-002494	C-CER,CHIP;470nF,10%,16V,X7R,TP,2012	
......6	T0657	2203-005384	C-CER,CHIP;4700nF,+80-20%,10V,Y5V,TP,201	
......6	T0657	2203-005384	C-CER,CHIP;4700nF,+80-20%,10V,Y5V,TP,201	
......6	T0657	2203-005384	C-CER,CHIP;4700nF,+80-20%,10V,Y5V,TP,201	
......6	F103	2901-000226	FILTER-EMI SMD;25V,0.3A,-,100pF,3.2x1.25	
......6	F103	2901-000226	FILTER-EMI SMD;25V,0.3A,-,100pF,3.2x1.25	
......6	F103	2901-000226	FILTER-EMI SMD;25V,0.3A,-,100pF,3.2x1.25	
......6	F103	2901-000226	FILTER-EMI SMD;25V,0.3A,-,100pF,3.2x1.25	
......6	F103	2901-000226	FILTER-EMI SMD;25V,0.3A,-,100pF,3.2x1.25	
......6	F103	2901-001120	FILTER-EMI SMD;25V,100mA,-,-,3.2x1.6x1,T	
......6	IC125	AA13-00095A	IC ASIC;-,SDP01,QFP,128P,PROSCAN	
......6	PCB	AA41-00479A	PCB-SCAN BLOCK;CS29A7HF,FR-4,4L,A,1.6T,2	S.N.A
......6	IC118	1204-001789	IC-VIDEO PROCESS;VPC3230D-B3,QFP,80P,787	
...3	T0119	AA95-01824B	ASSY SUB-PCB,MICOM;CS29A7HF,KS4APAL,AA95	
....4		0202-000187	SOLDER-WIRE FLUX;-,RS60S,D1.2,63Sn/37Pb	S.N.A
....4		0202-001167	SOLDER-CREAM;RX3603-2330HO,S45A,PASTE,SN	S.N.A
....4	IC902	1102-001010	IC-EPROM;27C040,512Kx8BIT,DIP,32P,600MI	
....4	X901	2801-001476	CRYSTAL-UNIT;12.0MHz,50ppm,28-ABQ,S,30oh	
....4	CN906	3711-003215	CONNECTOR-HEADER;NOWALL,18P,1R,2.5MM,ANG	
....4	CN906	3711-003543	CONNECTOR-HEADER;NOWALL,16P,1R,2.5MM,ANG	
....4	CNU03	AA61-10068A	BRACKET-PCB;M2160,SPTE,T0.3,-,-,-,-	S.N.A
....4	CNU04	AA61-10068A	BRACKET-PCB;M2160,SPTE,T0.3,-,-,-,-	S.N.A
....4		AA97-05472A	ASSY AUTO-SUB;CS29A7HF,KS4A,PAL	S.N.A
.....5	IC903	1203-000515	IC-VOL. DETECTOR;7042,TO-92,3P,177MIL,PL	
.....5	C2560	2305-000149	C-FILM,LEAD-PEF;100nF,5%,100V,TP,12x12.5	
.....5	C701	2401-002075	C-AL;4.7uF,20%,50V,GP,TP,5x11,5	
.....5	C701	2401-000603	C-AL;1UF,20%,50V,GP,TP,5X11,2	
.....5	C701	2401-000934	C-AL;22uF,20%,25V,BP,TP,8x11.5,5	
.....5	C701	2401-001469	C-AL;47uF,20%,10V,GP,TP,5x11,5	
.....5	C701	2401-001469	C-AL;47uF,20%,10V,GP,TP,5x11,5	
.....5	C701	2401-001469	C-AL;47uF,20%,10V,GP,TP,5x11,5	
.....5	C701	2401-001469	C-AL;47uF,20%,10V,GP,TP,5x11,5	
.....5	C701	2401-001469	C-AL;47uF,20%,10V,GP,TP,5x11,5	

Level	Loc. No.	Code No.	Description ; Specification	Remark
.....5	C701	2401-001469	C-AL;47uF,20%,10V,GP,TP,5x11,5	
.....5	C701	2401-000025	C-AL;100uF,20%,16V,GP,TP,6.3x11,5	
.....5	C701	2401-000050	C-AL;10uF,20%,16V,GP,TP,5x11,2.5	
.....5	C701	2401-000050	C-AL;10uF,20%,16V,GP,TP,5x11,2.5	
.....5	L901	2702-001094	INDUCTOR-RADIAL;10uH,10%,4x6mm	
.....5	L902	2702-001094	INDUCTOR-RADIAL;10uH,10%,4x6mm	
.....5	L903	2702-001094	INDUCTOR-RADIAL;10uH,10%,4x6mm	
.....5	T0122	2802-000121	RESONATOR-CERAMIC;20.48MHz,0.5%,TP,10.0x	
.....5		AA97-06281A	ASSY SMD-SUB;29A7,KS4A,AA95-01220A	S.N.A
......6	D901	0401-000133	DIODE-SWITCHING;RLS4148,100V,200MA,SOD-8	
......6	D903	0401-000133	DIODE-SWITCHING;RLS4148,100V,200MA,SOD-8	
......6	T0156	0501-000727	TR-SMALL SIGNAL;BC848C,NPN,310mW,SOT-23,	
......6	T0156	0501-000727	TR-SMALL SIGNAL;BC848C,NPN,310mW,SOT-23,	
......6	T0156	0501-000727	TR-SMALL SIGNAL;BC848C,NPN,310mW,SOT-23,	
......6	T0156	0501-000727	TR-SMALL SIGNAL;BC848C,NPN,310mW,SOT-23,	
......6	T0156	0501-000727	TR-SMALL SIGNAL;BC848C,NPN,310mW,SOT-23,	
......6	T0156	0501-000727	TR-SMALL SIGNAL;BC848C,NPN,310mW,SOT-23,	
......6	T0156	0501-000727	TR-SMALL SIGNAL;BC848C,NPN,310mW,SOT-23,	
......6	T0156	0501-000727	TR-SMALL SIGNAL;BC848C,NPN,310mW,SOT-23,	
......6	T0156	0501-000727	TR-SMALL SIGNAL;BC848C,NPN,310mW,SOT-23,	
......6	IC113	1105-001315	IC-DRAM;4E170411,4Mx4Bit,SOJ,24P,300MIL,	
......6	ICT01	1204-001579	IC-OSD PROCESSOR;SDA5275-3P,PLCC,68P,-,P	
......6	RT26	2007-000029	R-CHIP;0ohm,5%,1/8W,TP,2012	
......6	R902	2007-000290	R-CHIP;100ohm,5%,1/8W,TP,2012	
......6	R903	2007-000290	R-CHIP;100ohm,5%,1/8W,TP,2012	
......6	R904	2007-000290	R-CHIP;100ohm,5%,1/8W,TP,2012	
......6	R911	2007-000290	R-CHIP;100ohm,5%,1/8W,TP,2012	
......6	R912	2007-000290	R-CHIP;100ohm,5%,1/8W,TP,2012	
......6	R913	2007-000290	R-CHIP;100ohm,5%,1/8W,TP,2012	
......6	R914	2007-000290	R-CHIP;100ohm,5%,1/8W,TP,2012	
......6	R918	2007-000290	R-CHIP;100ohm,5%,1/8W,TP,2012	
......6	R926	2007-000290	R-CHIP;100ohm,5%,1/8W,TP,2012	
......6	R930	2007-000290	R-CHIP;100ohm,5%,1/8W,TP,2012	
......6	R938	2007-000290	R-CHIP;100ohm,5%,1/8W,TP,2012	
......6	R939	2007-000290	R-CHIP;100ohm,5%,1/8W,TP,2012	
......6	R941	2007-000290	R-CHIP;100ohm,5%,1/8W,TP,2012	
......6	R942	2007-000290	R-CHIP;100ohm,5%,1/8W,TP,2012	
......6	R950	2007-000290	R-CHIP;100ohm,5%,1/8W,TP,2012	
......6	RT09	2007-000290	R-CHIP;100ohm,5%,1/8W,TP,2012	
......6	RT20	2007-000290	R-CHIP;100ohm,5%,1/8W,TP,2012	
......6	RT21	2007-000290	R-CHIP;100ohm,5%,1/8W,TP,2012	
......6	RT22	2007-000290	R-CHIP;100ohm,5%,1/8W,TP,2012	
......6	R927	2007-000300	R-CHIP;10Kohm,5%,1/8W,TP,2012	
......6	R931	2007-000300	R-CHIP;10Kohm,5%,1/8W,TP,2012	
......6	R932	2007-000300	R-CHIP;10Kohm,5%,1/8W,TP,2012	
......6	R935	2007-000300	R-CHIP;10Kohm,5%,1/8W,TP,2012	
......6	R943	2007-000300	R-CHIP;10Kohm,5%,1/8W,TP,2012	
......6	R945	2007-000300	R-CHIP;10Kohm,5%,1/8W,TP,2012	
......6	R946	2007-000300	R-CHIP;10Kohm,5%,1/8W,TP,2012	
......6	R948	2007-000300	R-CHIP;10Kohm,5%,1/8W,TP,2012	
......6	R951	2007-000300	R-CHIP;10Kohm,5%,1/8W,TP,2012	
......6	R952	2007-000300	R-CHIP;10Kohm,5%,1/8W,TP,2012	
......6	RT08	2007-000300	R-CHIP;10Kohm,5%,1/8W,TP,2012	
......6	RT18	2007-000300	R-CHIP;10Kohm,5%,1/8W,TP,2012	
......6	R917	2007-000468	R-CHIP;1Kohm,5%,1/8W,TP,2012	
......6	R920	2007-000468	R-CHIP;1Kohm,5%,1/8W,TP,2012	
......6	R924	2007-000468	R-CHIP;1Kohm,5%,1/8W,TP,2012	
......6	RT07	2007-000468	R-CHIP;1Kohm,5%,1/8W,TP,2012	
......6	RT10	2007-000468	R-CHIP;1Kohm,5%,1/8W,TP,2012	
......6	R915	2007-000493	R-CHIP;2.2Kohm,5%,1/8W,TP,2012	
......6	R916	2007-000493	R-CHIP;2.2Kohm,5%,1/8W,TP,2012	
......6	R936	2007-000493	R-CHIP;2.2Kohm,5%,1/8W,TP,2012	
......6	RT02	2007-000586	R-CHIP;22Kohm,5%,1/8W,TP,2012	
......6	RT06	2007-000586	R-CHIP;22Kohm,5%,1/8W,TP,2012	
......6	R933	2007-000653	R-CHIP;27Kohm,5%,1/8W,TP,2012	
......6	RT03	2007-000710	R-CHIP;3.9Kohm,5%,1/8W,TP,2012	
......6	RT04	2007-000710	R-CHIP;3.9Kohm,5%,1/8W,TP,2012	
......6	RT05	2007-000710	R-CHIP;3.9Kohm,5%,1/8W,TP,2012	
......6	RT14	2007-000766	R-CHIP;330ohm,5%,1/8W,TP,2012	
......6	RT13	2007-000774	R-CHIP;33Kohm,5%,1/8W,TP,2012	
......6	R934	2007-000830	R-CHIP;39Kohm,5%,1/8W,TP,2012	
......6	R901	2007-000872	R-CHIP;4.7Kohm,5%,1/8W,TP,2012	
......6	R905	2007-000872	R-CHIP;4.7Kohm,5%,1/8W,TP,2012	
......6	R906	2007-000872	R-CHIP;4.7Kohm,5%,1/8W,TP,2012	
......6	R907	2007-000872	R-CHIP;4.7Kohm,5%,1/8W,TP,2012	
......6	R908	2007-000872	R-CHIP;4.7Kohm,5%,1/8W,TP,2012	

Level	Loc. No.	Code No.	Description ; Specification	Remark
......6	R909	2007-000872	R-CHIP;4.7Kohm,5%,1/8W,TP,2012	
......6	R910	2007-000872	R-CHIP;4.7Kohm,5%,1/8W,TP,2012	
......6	R919	2007-000872	R-CHIP;4.7Kohm,5%,1/8W,TP,2012	
......6	R921	2007-000872	R-CHIP;4.7Kohm,5%,1/8W,TP,2012	
......6	R922	2007-000872	R-CHIP;4.7Kohm,5%,1/8W,TP,2012	
......6	R923	2007-000872	R-CHIP;4.7Kohm,5%,1/8W,TP,2012	
......6	R925	2007-000872	R-CHIP;4.7Kohm,5%,1/8W,TP,2012	
......6	R928	2007-000872	R-CHIP;4.7Kohm,5%,1/8W,TP,2012	
......6	R929	2007-000872	R-CHIP;4.7Kohm,5%,1/8W,TP,2012	
......6	R940	2007-000872	R-CHIP;4.7Kohm,5%,1/8W,TP,2012	
......6	RT19	2007-000872	R-CHIP;4.7Kohm,5%,1/8W,TP,2012	
......6	RT11	2007-000931	R-CHIP;470ohm,5%,1/8W,TP,2012	
......6	RT12	2007-000931	R-CHIP;470ohm,5%,1/8W,TP,2012	
......6	R937	2007-000941	R-CHIP;47Kohm,5%,1/8W,TP,2012	
......6	R944	2007-000941	R-CHIP;47Kohm,5%,1/8W,TP,2012	
......6	R947	2007-000941	R-CHIP;47Kohm,5%,1/8W,TP,2012	
......6	R949	2007-000947	R-CHIP;47ohm,5%,1/8W,TP,2012	
......6	RT23	2007-001201	R-CHIP;820ohm,5%,1/8W,TP,2012	
......6	RT24	2007-001201	R-CHIP;820ohm,5%,1/8W,TP,2012	
......6	RT25	2007-001201	R-CHIP;820ohm,5%,1/8W,TP,2012	
......6	T0657	2203-000181	C-CER,CHIP;100nF,+80-20%,25V,Y5V,TP,2012	
......6	T0657	2203-000181	C-CER,CHIP;100nF,+80-20%,25V,Y5V,TP,2012	
......6	T0657	2203-000181	C-CER,CHIP;100nF,+80-20%,25V,Y5V,TP,2012	
......6	T0657	2203-000181	C-CER,CHIP;100nF,+80-20%,25V,Y5V,TP,2012	
......6	T0657	2203-000408	C-CER,CHIP;0.18NF,5%,50V,C0G,TP,2012	
......6	T0657	2203-000444	C-CER,CHIP;1nF,10%,50V,X7R,TP,2012,-	
......6	T0657	2203-000634	C-CER,CHIP;0.022NF,5%,50V,C0G,TP,2012	
......6	T0657	2203-000761	C-CER,CHIP;330nF,10%,16V,X7R,TP,2012,-	
......6	T0657	2203-000818	C-CER,CHIP;0.033NF,5%,50V,C0G,TP,2012	
......6	T0657	2203-000858	C-CER,CHIP;0.039NF,5%,50V,C0G,TP,2012	
......6	T0657	2203-000858	C-CER,CHIP;0.039NF,5%,50V,C0G,TP,2012	
......6	T0657	2203-000979	C-CER,CHIP;47nF,10%,50V,X7R,TP,2012	
......6	T0657	2203-000979	C-CER,CHIP;47nF,10%,50V,X7R,TP,2012	
......6	T0657	2203-000979	C-CER,CHIP;47nF,10%,50V,X7R,TP,2012	
......6	T0657	2203-000979	C-CER,CHIP;47nF,10%,50V,X7R,TP,2012	
......6	T0657	2203-000979	C-CER,CHIP;47nF,10%,50V,X7R,TP,2012	
......6	T0657	2203-000979	C-CER,CHIP;47nF,10%,50V,X7R,TP,2012	
......6	T0657	2203-000979	C-CER,CHIP;47nF,10%,50V,X7R,TP,2012	
......6	T0657	2203-000979	C-CER,CHIP;47nF,10%,50V,X7R,TP,2012	
......6	T0657	2203-000979	C-CER,CHIP;47nF,10%,50V,X7R,TP,2012	
......6	T0657	2203-000979	C-CER,CHIP;47nF,10%,50V,X7R,TP,2012	
......6	T0657	2203-000979	C-CER,CHIP;47nF,10%,50V,X7R,TP,2012	
......6	T0657	2203-001077	C-CER,CHIP;0.056nF,5%,50V,NP0,TP,2012	
......6	T0657	2203-001077	C-CER,CHIP;0.056nF,5%,50V,NP0,TP,2012	
......6	T0119	AA13-30013H	IC MICOM;SDA30C264,64,5V,16MHZ,16BIT,SDI	
......6	PCB	AA41-00158B	PCB-PAL MICOM;CS29A7HF9X,FR-4,2L,B,1.6T,	S.N.A
...3	IC802	AA96-50147B	ASSY H/S;-,TR,AA62-30012B,KA7808,-	S.N.A
....4	T0087	1203-000293	IC-POSI.FIXED REG.;7808,TO-220,3P,-,PLAS	
....4	T0081	6003-000333	SCREW-TAPTITE;RH,+,2S,M3,L10,ZPC(YEL),SW	S.N.A
....4		AA62-30012B	HEAT SINK-ES;-,A6063 EXTR,-,-,45(16) T02	S.N.A
...3	IC803	AA96-50147C	ASSY H/S;-,TR,AA62-30012B,2KA7809A,-	S.N.A
....4	T0087	1203-000298	IC-POSI.FIXED REG.;7809,TO-220,3P,-,PLAS	
....4	T0081	6003-000333	SCREW-TAPTITE;RH,+,2S,M3,L10,ZPC(YEL),SW	S.N.A
....4		AA62-30012B	HEAT SINK-ES;-,A6063 EXTR,-,-,45(16) T02	S.N.A
...3	ICD603	AA96-50367A	ASSY H/S;-,-,AA62-30181D,TDA7265,-	S.N.A
...3	IC603	AA96-50367A	ASSY H/S;-,-,AA62-30181D,TDA7265,-	S.N.A
....4		0205-000129	GREASE-SILICON;SC102,JAPAN	S.N.A
....4	T0124	1201-001026	IC-POWER AMP;7265,ZIP,11P,19.6MIL,DUAL,1	
....4	T0081	6003-000333	SCREW-TAPTITE;RH,+,2S,M3,L10,ZPC(YEL),SW	S.N.A
....4		AA62-30181D	HEAT SINK-ES;-,AL6063 EXTR.,2,WHT,70MM,-	S.N.A
⚠ ...3	IC804	AA96-50382B	ASSY H/S;-,-,AA62-30180C,SI-3050,-	S.N.A
⚠ ...3	IC805	AA96-50382B	ASSY H/S;-,-,AA62-30180C,SI-3050,-	S.N.A
....4	IC012	1203-000203	IC-POSI.ADJUST REG.;3050,TO-220,5P,-,PLA	
....4	T0081	6003-000333	SCREW-TAPTITE;RH,+,2S,M3,L10,ZPC(YEL),SW	S.N.A
....4		AA62-30180C	HEAT SINK-ES;-,A6063 EXTR.,2,WHT,50MM,-,	S.N.A
...3		AA97-13637A	ASSY AUTO-MAIN;CS29Z6HF9X/FES,KS4A,TURKE	S.N.A
....4	DS01	0401-000005	DIODE-SWITCHING;1N4148,100V,200mA,DO-35,	
....4	DG01	0401-000005	DIODE-SWITCHING;1N4148,100V,200mA,DO-35,	
....4	D604	0401-000005	DIODE-SWITCHING;1N4148,100V,200mA,DO-35,	
....4	D603	0401-000005	DIODE-SWITCHING;1N4148,100V,200mA,DO-35,	
....4	D602	0401-000005	DIODE-SWITCHING;1N4148,100V,200mA,DO-35,	
....4	D201	0401-000005	DIODE-SWITCHING;1N4148,100V,200mA,DO-35,	
....4	D202	0401-000005	DIODE-SWITCHING;1N4148,100V,200mA,DO-35,	
....4	D203	0401-000005	DIODE-SWITCHING;1N4148,100V,200mA,DO-35,	
....4	D601	0401-000005	DIODE-SWITCHING;1N4148,100V,200mA,DO-35,	
....4	T0083	0402-000493	DIODE-RECTIFIER;1R5GU41,400V,1.5A,DO-15L	
....4	DZ016	0403-000367	DIODE-ZENER;UZ7.5BSC,7.5V,7.33-7.64V,500	
....4	DZ016	0403-000367	DIODE-ZENER;UZ7.5BSC,7.5V,7.33-7.64V,500	
....4	DZ016	0403-000700	DIODE-ZENER;TZP33A,33V,31-35V,1W,DO-41,T	
....4	DZ016	0403-000700	DIODE-ZENER;TZP33A,33V,31-35V,1W,DO-41,T	
....4	DZ016	0403-000700	DIODE-ZENER;TZP33A,33V,31-35V,1W,DO-41,T	
....4	DZ016	0403-000701	DIODE-ZENER;TZP5.1A,5.1V,4.8-5.4V,1W,DO-	
....4	DZ016	0403-001211	DIODE-ZENER;MTZJ12B,11.44-12.03V,500MW,D	
....4	DZ016	0403-001316	DIODE-ZENER;MTZJ3.0A,2.85-3.07V,500mW,DO	
....4	DZ016	0403-001320	DIODE-ZENER;MTZJ6.2C,6.12-6.44V,500mW,DO	
....4	T0156	0501-000283	TR-SMALL SIGNAL;KSA539,PNP,400mW,TO-92,T	
....4	T0156	0501-000389	TR-SMALL SIGNAL;KSC815,NPN,400mW,TO-92,T	
....4	T0156	0501-000389	TR-SMALL SIGNAL;KSC815,NPN,400mW,TO-92,T	
....4	T0156	0501-000389	TR-SMALL SIGNAL;KSC815,NPN,400mW,TO-92,T	
....4	T0156	0501-000389	TR-SMALL SIGNAL;KSC815,NPN,400mW,TO-92,T	
....4	T0156	0501-000389	TR-SMALL SIGNAL;KSC815,NPN,400mW,TO-92,T	
....4	T0156	0501-000389	TR-SMALL SIGNAL;KSC815,NPN,400mW,TO-92,T	
....4	T0156	0501-000389	TR-SMALL SIGNAL;KSC815,NPN,400mW,TO-92,T	
....4	T0156	0501-000389	TR-SMALL SIGNAL;KSC815,NPN,400mW,TO-92,T	
....4	T0156	0501-000389	TR-SMALL SIGNAL;KSC815,NPN,400mW,TO-92,T	
....4	T0156	0501-000389	TR-SMALL SIGNAL;KSC815,NPN,400mW,TO-92,T	
....4	T0156	0501-000389	TR-SMALL SIGNAL;KSC815,NPN,400mW,TO-92,T	
....4	T0156	0501-000389	TR-SMALL SIGNAL;KSC815,NPN,400mW,TO-92,T	
....4	T0156	0501-000389	TR-SMALL SIGNAL;KSC815,NPN,400mW,TO-92,T	
....4	T0156	0501-000389	TR-SMALL SIGNAL;KSC815,NPN,400mW,TO-92,T	
....4	T0156	0501-000389	TR-SMALL SIGNAL;KSC815,NPN,400mW,TO-92,T	
....4	T0156	0501-000389	TR-SMALL SIGNAL;KSC815,NPN,400mW,TO-92,T	
....4	QG03	0504-000123	TR-DIGITAL;KSR1010,NPN,300mW,10K,TO-92,T	
....4	Q902	0504-000123	TR-DIGITAL;KSR1010,NPN,300mW,10K,TO-92,T	
....4	Q901	0504-000123	TR-DIGITAL;KSR1010,NPN,300mW,10K,TO-92,T	
....4	Q712	0504-000123	TR-DIGITAL;KSR1010,NPN,300mW,10K,TO-92,T	
....4	Q701	0504-000123	TR-DIGITAL;KSR1010,NPN,300mW,10K,TO-92,T	
....4	R125	2001-000003	R-CARBON;330ohm,5%,1/8W,AA,TP,1.8x3.2mm	
....4	R125	2001-000003	R-CARBON;330ohm,5%,1/8W,AA,TP,1.8x3.2mm	
....4	R125	2001-000003	R-CARBON;330ohm,5%,1/8W,AA,TP,1.8x3.2mm	
....4	R125	2001-000003	R-CARBON;330ohm,5%,1/8W,AA,TP,1.8x3.2mm	
....4	R125	2001-000003	R-CARBON;330ohm,5%,1/8W,AA,TP,1.8x3.2mm	
....4	R125	2001-000003	R-CARBON;330ohm,5%,1/8W,AA,TP,1.8x3.2mm	
....4	R125	2001-000003	R-CARBON;330ohm,5%,1/8W,AA,TP,1.8x3.2mm	
....4	R125	2001-000273	R-CARBON;100KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
....4	R125	2001-000281	R-CARBON;100OHM,5%,1/8W,AA,TP,1.8X3.2MM	
....4	R125	2001-000281	R-CARBON;100OHM,5%,1/8W,AA,TP,1.8X3.2MM	
....4	R125	2001-000281	R-CARBON;100OHM,5%,1/8W,AA,TP,1.8X3.2MM	
....4	R125	2001-000281	R-CARBON;100OHM,5%,1/8W,AA,TP,1.8X3.2MM	
....4	R125	2001-000281	R-CARBON;100OHM,5%,1/8W,AA,TP,1.8X3.2MM	
....4	R125	2001-000281	R-CARBON;100OHM,5%,1/8W,AA,TP,1.8X3.2MM	
....4	R125	2001-000281	R-CARBON;100OHM,5%,1/8W,AA,TP,1.8X3.2MM	
....4	R125	2001-000281	R-CARBON;100OHM,5%,1/8W,AA,TP,1.8X3.2MM	
....4	R125	2001-000281	R-CARBON;100OHM,5%,1/8W,AA,TP,1.8X3.2MM	
....4	R125	2001-000281	R-CARBON;100OHM,5%,1/8W,AA,TP,1.8X3.2MM	
....4	R125	2001-000281	R-CARBON;100OHM,5%,1/8W,AA,TP,1.8X3.2MM	
....4	R125	2001-000281	R-CARBON;100OHM,5%,1/8W,AA,TP,1.8X3.2MM	
....4	R125	2001-000281	R-CARBON;100OHM,5%,1/8W,AA,TP,1.8X3.2MM	
....4	R125	2001-000281	R-CARBON;100OHM,5%,1/8W,AA,TP,1.8X3.2MM	
....4	R125	2001-000281	R-CARBON;100OHM,5%,1/8W,AA,TP,1.8X3.2MM	
....4	R125	2001-000281	R-CARBON;100OHM,5%,1/8W,AA,TP,1.8X3.2MM	
....4	R125	2001-000281	R-CARBON;100OHM,5%,1/8W,AA,TP,1.8X3.2MM	
....4	R125	2001-000281	R-CARBON;100OHM,5%,1/8W,AA,TP,1.8X3.2MM	
....4	R125	2001-000281	R-CARBON;100OHM,5%,1/8W,AA,TP,1.8X3.2MM	
....4	R125	2001-000281	R-CARBON;100OHM,5%,1/8W,AA,TP,1.8X3.2MM	
....4	R125	2001-000281	R-CARBON;100OHM,5%,1/8W,AA,TP,1.8X3.2MM	
....4	R125	2001-000281	R-CARBON;100OHM,5%,1/8W,AA,TP,1.8X3.2MM	
....4	R125	2001-000281	R-CARBON;100OHM,5%,1/8W,AA,TP,1.8X3.2MM	
....4	R125	2001-000281	R-CARBON;100OHM,5%,1/8W,AA,TP,1.8X3.2MM	
....4	R125	2001-000281	R-CARBON;100OHM,5%,1/8W,AA,TP,1.8X3.2MM	
....4	R125	2001-000281	R-CARBON;100OHM,5%,1/8W,AA,TP,1.8X3.2MM	
....4	R125	2001-000281	R-CARBON;100OHM,5%,1/8W,AA,TP,1.8X3.2MM	
....4	R125	2001-000281	R-CARBON;100OHM,5%,1/8W,AA,TP,1.8X3.2MM	
....4	R125	2001-000281	R-CARBON;100OHM,5%,1/8W,AA,TP,1.8X3.2MM	
....4	R125	2001-000281	R-CARBON;100OHM,5%,1/8W,AA,TP,1.8X3.2MM	
....4	R125	2001-000281	R-CARBON;100OHM,5%,1/8W,AA,TP,1.8X3.2MM	
....4	R125	2001-000281	R-CARBON;100OHM,5%,1/8W,AA,TP,1.8X3.2MM	
....4	R125	2001-000281	R-CARBON;100OHM,5%,1/8W,AA,TP,1.8X3.2MM	
....4	R125	2001-000281	R-CARBON;100OHM,5%,1/8W,AA,TP,1.8X3.2MM	
....4	R125	2001-000281	R-CARBON;100OHM,5%,1/8W,AA,TP,1.8X3.2MM	
....4	R125	2001-000281	R-CARBON;100OHM,5%,1/8W,AA,TP,1.8X3.2MM	
....4	R125	2001-000281	R-CARBON;100OHM,5%,1/8W,AA,TP,1.8X3.2MM	

Level	Loc. No.	Code No.	Description ; Specification	Remark
....4	R125	2001-000281	R-CARBON;100OHM,5%,1/8W,AA,TP,1.8X3.2MM	
....4	R125	2001-000281	R-CARBON;100OHM,5%,1/8W,AA,TP,1.8X3.2MM	
....4	R125	2001-000281	R-CARBON;100OHM,5%,1/8W,AA,TP,1.8X3.2MM	
....4	R125	2001-000281	R-CARBON;100OHM,5%,1/8W,AA,TP,1.8X3.2MM	
....4	R125	2001-000290	R-CARBON;10KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
....4	R125	2001-000290	R-CARBON;10KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
....4	R125	2001-000290	R-CARBON;10KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
....4	R125	2001-000290	R-CARBON;10KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
....4	R125	2001-000290	R-CARBON;10KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
....4	R125	2001-000290	R-CARBON;10KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
....4	R125	2001-000290	R-CARBON;10KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
....4	R125	2001-000290	R-CARBON;10KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
....4	R125	2001-000290	R-CARBON;10KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
....4	R125	2001-000290	R-CARBON;10KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
....4	R125	2001-000290	R-CARBON;10KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
....4	R125	2001-000290	R-CARBON;10KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
....4	R125	2001-000290	R-CARBON;10KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
....4	R125	2001-000290	R-CARBON;10KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
....4	R125	2001-000290	R-CARBON;10KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
....4	R125	2001-000290	R-CARBON;10KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
....4	R125	2001-000302	R-CARBON;10OHM,5%,1/8W,AA,TP,1.8X3.2MM	
....4	R125	2001-000302	R-CARBON;10OHM,5%,1/8W,AA,TP,1.8X3.2MM	
....4	R125	2001-000302	R-CARBON;10OHM,5%,1/8W,AA,TP,1.8X3.2MM	
....4	R125	2001-000302	R-CARBON;10OHM,5%,1/8W,AA,TP,1.8X3.2MM	
....4	R125	2001-000302	R-CARBON;10OHM,5%,1/8W,AA,TP,1.8X3.2MM	
....4	R125	2001-000302	R-CARBON;10OHM,5%,1/8W,AA,TP,1.8X3.2MM	
....4	R125	2001-000302	R-CARBON;10OHM,5%,1/8W,AA,TP,1.8X3.2MM	
....4	R125	2001-000302	R-CARBON;10OHM,5%,1/8W,AA,TP,1.8X3.2MM	
....4	R125	2001-000302	R-CARBON;10OHM,5%,1/8W,AA,TP,1.8X3.2MM	
....4	R125	2001-000429	R-CARBON;1KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
....4	R125	2001-000429	R-CARBON;1KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
....4	R125	2001-000429	R-CARBON;1KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
....4	R125	2001-000429	R-CARBON;1KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
....4	R125	2001-000429	R-CARBON;1KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
....4	R125	2001-000429	R-CARBON;1KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
....4	R125	2001-000429	R-CARBON;1KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
....4	R125	2001-000429	R-CARBON;1KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
....4	R125	2001-000429	R-CARBON;1KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
....4	R125	2001-000429	R-CARBON;1KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
....4	R125	2001-000429	R-CARBON;1KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
....4	R125	2001-000429	R-CARBON;1KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
....4	R125	2001-000429	R-CARBON;1KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
....4	R125	2001-000429	R-CARBON;1KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
....4	R125	2001-000429	R-CARBON;1KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
....4	R125	2001-000429	R-CARBON;1KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
....4	R125	2001-000429	R-CARBON;1KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
....4	R125	2001-000429	R-CARBON;1KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
....4	R125	2001-000429	R-CARBON;1KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
....4	R125	2001-000429	R-CARBON;1KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
....4	R125	2001-000429	R-CARBON;1KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
....4	R125	2001-000429	R-CARBON;1KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
....4	R125	2001-000429	R-CARBON;1KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
....4	R125	2001-000429	R-CARBON;1KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
....4	R125	2001-000449	R-CARBON;2.2KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
....4	R125	2001-000522	R-CARBON;22KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
....4	R125	2001-000522	R-CARBON;22KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
....4	R125	2001-000522	R-CARBON;22KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
....4	R125	2001-000522	R-CARBON;22KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
....4	R125	2001-000522	R-CARBON;22KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
....4	R125	2001-000577	R-CARBON;2KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
....4	R125	2001-000591	R-CARBON;3.3KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
....4	R125	2001-000591	R-CARBON;3.3KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
....4	R125	2001-000613	R-CARBON;3.9KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
....4	R125	2001-000660	R-CARBON;33KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
....4	R125	2001-000660	R-CARBON;33KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
....4	R125	2001-000660	R-CARBON;33KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
....4	R125	2001-000708	R-CARBON;39OHM,5%,1/8W,AA,TP,1.8X3.2MM	
....4	R125	2001-000734	R-CARBON;4.7KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
....4	R125	2001-000734	R-CARBON;4.7KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
....4	R125	2001-000734	R-CARBON;4.7KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
....4	R125	2001-000734	R-CARBON;4.7KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
....4	R125	2001-000734	R-CARBON;4.7KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
....4	R125	2001-000780	R-CARBON;470OHM,5%,1/8W,AA,TP,1.8X3.2MM	
....4	R125	2001-000780	R-CARBON;470OHM,5%,1/8W,AA,TP,1.8X3.2MM	
....4	R125	2001-000780	R-CARBON;470OHM,5%,1/8W,AA,TP,1.8X3.2MM	
....4	R125	2001-000780	R-CARBON;470OHM,5%,1/8W,AA,TP,1.8X3.2MM	
....4	R125	2001-000780	R-CARBON;470OHM,5%,1/8W,AA,TP,1.8X3.2MM	
....4	R125	2001-000780	R-CARBON;470OHM,5%,1/8W,AA,TP,1.8X3.2MM	
....4	R125	2001-000786	R-CARBON;47KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
....4	R125	2001-000786	R-CARBON;47KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
....4	R125	2001-000786	R-CARBON;47KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
....4	R125	2001-000786	R-CARBON;47KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
....4	R125	2001-000786	R-CARBON;47KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
....4	R125	2001-000786	R-CARBON;47KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
....4	R125	2001-000786	R-CARBON;47KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
....4	R125	2001-000786	R-CARBON;47KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
....4	R125	2001-000938	R-CARBON;68OHM,5%,1/8W,AA,TP,1.8X3.2MM	
....4	R125	2001-000969	R-CARBON;75OHM,5%,1/8W,AA,TP,1.8X3.2MM	
....4	R125	2001-000969	R-CARBON;75OHM,5%,1/8W,AA,TP,1.8X3.2MM	
....4	R125	2001-000969	R-CARBON;75OHM,5%,1/8W,AA,TP,1.8X3.2MM	
....4	R125	2001-000969	R-CARBON;75OHM,5%,1/8W,AA,TP,1.8X3.2MM	
....4	R125	2001-000969	R-CARBON;75OHM,5%,1/8W,AA,TP,1.8X3.2MM	
....4	R125	2001-000969	R-CARBON;75OHM,5%,1/8W,AA,TP,1.8X3.2MM	
....4	R125	2001-000969	R-CARBON;75OHM,5%,1/8W,AA,TP,1.8X3.2MM	
....4	R125	2001-000969	R-CARBON;75OHM,5%,1/8W,AA,TP,1.8X3.2MM	
....4	R125	2001-000969	R-CARBON;75OHM,5%,1/8W,AA,TP,1.8X3.2MM	
....4	R125	2001-000969	R-CARBON;75OHM,5%,1/8W,AA,TP,1.8X3.2MM	
....4	R125	2001-000969	R-CARBON;75OHM,5%,1/8W,AA,TP,1.8X3.2MM	
....4	R125	2001-000969	R-CARBON;75OHM,5%,1/8W,AA,TP,1.8X3.2MM	
....4	R125	2001-000969	R-CARBON;75OHM,5%,1/8W,AA,TP,1.8X3.2MM	
....4	R125	2001-000969	R-CARBON;75OHM,5%,1/8W,AA,TP,1.8X3.2MM	
....4	R125	2001-000969	R-CARBON;75OHM,5%,1/8W,AA,TP,1.8X3.2MM	
....4	R125	2001-000969	R-CARBON;75OHM,5%,1/8W,AA,TP,1.8X3.2MM	
....4	R125	2001-000969	R-CARBON;75OHM,5%,1/8W,AA,TP,1.8X3.2MM	
....4	R125	2001-000969	R-CARBON;75OHM,5%,1/8W,AA,TP,1.8X3.2MM	
....4	R125	2001-001006	R-CARBON;82OHM,5%,1/8W,AA,TP,1.8X3.2MM	
....4	R125	2001-001006	R-CARBON;82OHM,5%,1/8W,AA,TP,1.8X3.2MM	
....4	R125	2001-001035	R-CARBON;91OHM,5%,1/8W,AA,TP,1.8X3.2MM	
....4	R075	2001-001050	R-CARBON(S);1.5KOHM,5%,1/2W,AA,TP,2.4X6.	
....4	R075	2001-001050	R-CARBON(S);1.5KOHM,5%,1/2W,AA,TP,2.4X6.	
....4	R075	2001-001088	R-CARBON(S);1KOHM,5%,1/2W,AA,TP,2.4X6.4M	
....4	R075	2001-001088	R-CARBON(S);1KOHM,5%,1/2W,AA,TP,2.4X6.4M	
....4	R075	2001-001088	R-CARBON(S);1KOHM,5%,1/2W,AA,TP,2.4X6.4M	
....4	R075	2001-001088	R-CARBON(S);1KOHM,5%,1/2W,AA,TP,2.4X6.4M	
....4	R075	2001-001093	R-CARBON(S);2.2KOHM,5%,1/2W,AA,TP,2.4X6.	
....4	R075	2001-001093	R-CARBON(S);2.2KOHM,5%,1/2W,AA,TP,2.4X6.	
....4	R075	2001-001093	R-CARBON(S);2.2KOHM,5%,1/2W,AA,TP,2.4X6.	
....4	R075	2001-001093	R-CARBON(S);2.2KOHM,5%,1/2W,AA,TP,2.4X6.	
....4	R075	2001-001093	R-CARBON(S);2.2KOHM,5%,1/2W,AA,TP,2.4X6.	
....4	R075	2001-001093	R-CARBON(S);2.2KOHM,5%,1/2W,AA,TP,2.4X6.	
....4	R075	2001-001093	R-CARBON(S);2.2KOHM,5%,1/2W,AA,TP,2.4X6.	
....4	R075	2001-001093	R-CARBON(S);2.2KOHM,5%,1/2W,AA,TP,2.4X6.	
....4	R075	2001-001108	R-CARBON(S);22KOHM,5%,1/2W,AA,TP,2.4X6.4	
....4	R075	2001-001108	R-CARBON(S);22KOHM,5%,1/2W,AA,TP,2.4X6.4	
....4	R075	2001-001146	R-CARBON(S);4.7OHM,5%,1/2W,AA,TP,2.4X6.4	
....4	R075	2001-001146	R-CARBON(S);4.7OHM,5%,1/2W,AA,TP,2.4X6.4	
....4	R075	2001-001146	R-CARBON(S);4.7OHM,5%,1/2W,AA,TP,2.4X6.4	
....4	R075	2001-001146	R-CARBON(S);4.7OHM,5%,1/2W,AA,TP,2.4X6.4	
....4	R075	2001-001146	R-CARBON(S);4.7OHM,5%,1/2W,AA,TP,2.4X6.4	
....4	R075	2001-001146	R-CARBON(S);4.7OHM,5%,1/2W,AA,TP,2.4X6.4	
....4	R075	2001-001187	R-CARBON(S);75OHM,5%,1/2W,AA,TP,2.4X6.4M	
....4	R110	2003-001093	R-METAL OXIDE(S);12Kohm,5%,2W,AF,TP,3.9x	
....4	C598	2201-000112	C-CERAMIC,DISC;1.5NF,10%,50V,Y5V,TP,5X3.	
....4	C598	2201-000119	C-CERAMIC,DISC;100NF,+80-20%,50V,Y5V,TP,	
....4	C598	2201-000304	C-CERAMIC,DISC;0.001NF,0.25PF,50V,C0G,TP	
....4	C598	2201-000304	C-CERAMIC,DISC;0.001NF,0.25PF,50V,C0G,TP	
....4	C598	2201-000374	C-CERAMIC,DISC;0.22NF,5%,50V,C0G,TP,10.5	
....4	C598	2201-000558	C-CERAMIC,DISC;0.47NF,10%,50V,Y5P,TP,5X3	
....4	C598	2201-000558	C-CERAMIC,DISC;0.47NF,10%,50V,Y5P,TP,5X3	
....4	C598	2201-000982	C-CERAMIC,DISC;10NF,+80-20%,50V,Y5V,TP,4	
....4	C689	2202-000121	C-CERAMIC,MLC-AXIAL;100pF,10%,50V,Y5P,TP	
....4	C689	2202-000121	C-CERAMIC,MLC-AXIAL;100pF,10%,50V,Y5P,TP	
....4	C689	2202-000121	C-CERAMIC,MLC-AXIAL;100pF,10%,50V,Y5P,TP	
....4	C689	2202-000121	C-CERAMIC,MLC-AXIAL;100pF,10%,50V,Y5P,TP	
....4	C689	2202-000121	C-CERAMIC,MLC-AXIAL;100pF,10%,50V,Y5P,TP	
....4	C689	2202-000121	C-CERAMIC,MLC-AXIAL;100pF,10%,50V,Y5P,TP	
....4	C689	2202-000121	C-CERAMIC,MLC-AXIAL;100pF,10%,50V,Y5P,TP	
....4	C689	2202-000121	C-CERAMIC,MLC-AXIAL;100pF,10%,50V,Y5P,TP	
....4	C689	2202-000121	C-CERAMIC,MLC-AXIAL;100pF,10%,50V,Y5P,TP	
....4	C689	2202-000121	C-CERAMIC,MLC-AXIAL;100pF,10%,50V,Y5P,TP	
....4	C689	2202-000121	C-CERAMIC,MLC-AXIAL;100pF,10%,50V,Y5P,TP	
....4	C689	2202-000121	C-CERAMIC,MLC-AXIAL;100pF,10%,50V,Y5P,TP	

Level	Loc. No.	Code No.	Description ; Specification	Remark
....4	C689	2202-000127	C-CERAMIC,MLC-AXIAL;10nF,+80-20%,25V,Y5V	
....4	C689	2202-000183	C-CERAMIC,MLC-AXIAL;2.2NF,20%,16V,Y5R,TP	
....4	C689	2202-000183	C-CERAMIC,MLC-AXIAL;2.2NF,20%,16V,Y5R,TP	
....4	C689	2202-000183	C-CERAMIC,MLC-AXIAL;2.2NF,20%,16V,Y5R,TP	
....4	C689	2202-000183	C-CERAMIC,MLC-AXIAL;2.2NF,20%,16V,Y5R,TP	
....4	C689	2202-000222	C-CERAMIC,MLC-AXIAL;3.3nF,20%,16V,Y5P,TP	
....4	C689	2202-000222	C-CERAMIC,MLC-AXIAL;3.3nF,20%,16V,Y5P,TP	
....4	C689	2202-000286	C-CERAMIC,MLC-AXIAL;56pF,5%,50V,SL,TP,1.	
....4	C689	2202-000286	C-CERAMIC,MLC-AXIAL;56pF,5%,50V,SL,TP,1.	
....4	C689	2202-000632	C-CERAMIC,MLC-AXIAL;100nF,20%,50V,Z5U,TP	
....4	C689	2202-000632	C-CERAMIC,MLC-AXIAL;100nF,20%,50V,Z5U,TP	
....4	C689	2202-000632	C-CERAMIC,MLC-AXIAL;100nF,20%,50V,Z5U,TP	
....4	C689	2202-000632	C-CERAMIC,MLC-AXIAL;100nF,20%,50V,Z5U,TP	
....4	C689	2202-000632	C-CERAMIC,MLC-AXIAL;100nF,20%,50V,Z5U,TP	
....4	C689	2202-000632	C-CERAMIC,MLC-AXIAL;100nF,20%,50V,Z5U,TP	
....4	C689	2202-000796	C-CERAMIC,MLC-AXIAL;1NF,10%,50V,Y5P,TP,3	
....4	C689	2202-000796	C-CERAMIC,MLC-AXIAL;1NF,10%,50V,Y5P,TP,3	
....4	C689	2202-000796	C-CERAMIC,MLC-AXIAL;1NF,10%,50V,Y5P,TP,3	
....4	C689	2202-000796	C-CERAMIC,MLC-AXIAL;1NF,10%,50V,Y5P,TP,3	
....4	C2560	2301-000111	C-FILM,LEAD-PEF;1.8nF,5%,50V,TP,6.5x3.0x	
....4	C2560	2301-000111	C-FILM,LEAD-PEF;1.8nF,5%,50V,TP,6.5x3.0x	
....4	C2560	2301-000111	C-FILM,LEAD-PEF;1.8nF,5%,50V,TP,6.5x3.0x	
....4	C2560	2301-000111	C-FILM,LEAD-PEF;1.8nF,5%,50V,TP,6.5x3.0x	
....4	C2560	2301-000232	C-FILM,LEAD-PEF;3.3nF,5%,50V,TP,8.1x4.5x	
....4	C2560	2301-000232	C-FILM,LEAD-PEF;3.3nF,5%,50V,TP,8.1x4.5x	
....4	C2560	2305-000289	C-FILM,LEAD-PEF;220nF,5%,63V,TP,-,5mm	
....4	C2560	2305-000289	C-FILM,LEAD-PEF;220nF,5%,63V,TP,-,5mm	
....4	C2560	2305-000289	C-FILM,LEAD-PEF;220nF,5%,63V,TP,-,5mm	
....4	C2560	2305-000289	C-FILM,LEAD-PEF;220nF,5%,63V,TP,-,5mm	
....4	C2560	2305-000289	C-FILM,LEAD-PEF;220nF,5%,63V,TP,-,5mm	
....4	C2560	2305-000289	C-FILM,LEAD-PEF;220nF,5%,63V,TP,-,5mm	
....4	C2560	2305-001037	C-FILM,LEAD-PEF;330nF,5%,63V,TP,7.5x5.5x	
....4	C2560	2305-001037	C-FILM,LEAD-PEF;330nF,5%,63V,TP,7.5x5.5x	
....4	C2560	2305-001037	C-FILM,LEAD-PEF;330nF,5%,63V,TP,7.5x5.5x	
....4	C2560	2305-001037	C-FILM,LEAD-PEF;330nF,5%,63V,TP,7.5x5.5x	
....4	C2560	2305-001037	C-FILM,LEAD-PEF;330nF,5%,63V,TP,7.5x5.5x	
....4	C2560	2305-001037	C-FILM,LEAD-PEF;330nF,5%,63V,TP,7.5x5.5x	
....4	C2560	2305-001037	C-FILM,LEAD-PEF;330nF,5%,63V,TP,7.5x5.5x	
....4	C2560	2305-001037	C-FILM,LEAD-PEF;330nF,5%,63V,TP,7.5x5.5x	
....4	C2560	2305-000665	C-FILM,LEAD-PEF;100nF,5%,63V,TP,7.5x4.0x	
....4	C2560	2305-000665	C-FILM,LEAD-PEF;100nF,5%,63V,TP,7.5x4.0x	
....4	C2560	2305-000665	C-FILM,LEAD-PEF;100nF,5%,63V,TP,7.5x4.0x	
....4	C2560	2305-000665	C-FILM,LEAD-PEF;100nF,5%,63V,TP,7.5x4.0x	
....4	C2560	2305-000665	C-FILM,LEAD-PEF;100nF,5%,63V,TP,7.5x4.0x	
....4	C2560	2305-000665	C-FILM,LEAD-PEF;100nF,5%,63V,TP,7.5x4.0x	
....4	C2560	2305-000665	C-FILM,LEAD-PEF;100nF,5%,63V,TP,7.5x4.0x	
....4	C2560	2305-000665	C-FILM,LEAD-PEF;100nF,5%,63V,TP,7.5x4.0x	
....4	C2560	2305-000665	C-FILM,LEAD-PEF;100nF,5%,63V,TP,7.5x4.0x	
....4	C2560	2305-000665	C-FILM,LEAD-PEF;100nF,5%,63V,TP,7.5x4.0x	
....4	C2560	2305-000665	C-FILM,LEAD-PEF;100nF,5%,63V,TP,7.5x4.0x	
....4	C2560	2305-000665	C-FILM,LEAD-PEF;100nF,5%,63V,TP,7.5x4.0x	
....4	C2560	2305-000665	C-FILM,LEAD-PEF;100nF,5%,63V,TP,7.5x4.0x	
....4	C2560	2305-000665	C-FILM,LEAD-PEF;100nF,5%,63V,TP,7.5x4.0x	
....4	C2560	2305-000665	C-FILM,LEAD-PEF;100nF,5%,63V,TP,7.5x4.0x	
....4	C2560	2305-000665	C-FILM,LEAD-PEF;100nF,5%,63V,TP,7.5x4.0x	
....4	C2560	2305-000665	C-FILM,LEAD-PEF;100nF,5%,63V,TP,7.5x4.0x	
....4	C2560	2305-000665	C-FILM,LEAD-PEF;100nF,5%,63V,TP,7.5x4.0x	
....4	C2560	2305-000665	C-FILM,LEAD-PEF;100nF,5%,63V,TP,7.5x4.0x	
....4	C2560	2305-000665	C-FILM,LEAD-PEF;100nF,5%,63V,TP,7.5x4.0x	
....4	C2560	2305-000665	C-FILM,LEAD-PEF;100nF,5%,63V,TP,7.5x4.0x	
....4	C2560	2305-000665	C-FILM,LEAD-PEF;100nF,5%,63V,TP,7.5x4.0x	
....4	C2560	2305-000665	C-FILM,LEAD-PEF;100nF,5%,63V,TP,7.5x4.0x	
....4	C2560	2305-000665	C-FILM,LEAD-PEF;100nF,5%,63V,TP,7.5x4.0x	
....4	C2560	2305-000665	C-FILM,LEAD-PEF;100nF,5%,63V,TP,7.5x4.0x	
....4	C2560	2305-000665	C-FILM,LEAD-PEF;100nF,5%,63V,TP,7.5x4.0x	
....4	C2560	2305-000665	C-FILM,LEAD-PEF;100nF,5%,63V,TP,7.5x4.0x	
....4	C701	2401-002075	C-AL;4.7uF,20%,50V,GP,TP,5x11,5	
....4	C701	2401-002075	C-AL;4.7uF,20%,50V,GP,TP,5x11,5	
....4	C701	2401-002075	C-AL;4.7uF,20%,50V,GP,TP,5x11,5	
....4	C701	2401-002075	C-AL;4.7uF,20%,50V,GP,TP,5x11,5	
....4	C701	2401-000287	C-AL;100uF,20%,16V,WT,TP,6.3x11,5	
....4	C701	2401-000480	C-AL;10uF,20%,50V,GP,TP,5x11,5	
....4	C701	2401-000480	C-AL;10uF,20%,50V,GP,TP,5x11,5	
....4	C701	2401-000480	C-AL;10uF,20%,50V,GP,TP,5x11,5	
....4	C701	2401-000480	C-AL;10uF,20%,50V,GP,TP,5x11,5	
....4	C701	2401-000480	C-AL;10uF,20%,50V,GP,TP,5x11,5	
....4	C701	2401-000480	C-AL;10uF,20%,50V,GP,TP,5x11,5	

Level	Loc. No.	Code No.	Description ; Specification	Remark
....4	C701	2401-000480	C-AL;10uF,20%,50V,GP,TP,5x11,5	
....4	C701	2401-000603	C-AL;1UF,20%,50V,GP,TP,5X11,2	
....4	C701	2401-000603	C-AL;1UF,20%,50V,GP,TP,5X11,2	
....4	C701	2401-000603	C-AL;1UF,20%,50V,GP,TP,5X11,2	
....4	C701	2401-000832	C-AL;220uF,20%,25V,GP,TP,8x11.5,5	
....4	C701	2401-000832	C-AL;220uF,20%,25V,GP,TP,8x11.5,5	
....4	C701	2401-000832	C-AL;220uF,20%,25V,GP,TP,8x11.5,5	
....4	C701	2401-000832	C-AL;220uF,20%,25V,GP,TP,8x11.5,5	
....4	C701	2401-000832	C-AL;220uF,20%,25V,GP,TP,8x11.5,5	
....4	C701	2401-000962	C-AL;22uF,20%,50V,GP,TP,5x11,5	
....4	C701	2401-001026	C-AL;3.3UF,20%,50V,GP,TP,5X11,5	
....4	C701	2401-000025	C-AL;100uF,20%,16V,GP,TP,6.3x11,5	
....4	C701	2401-000025	C-AL;100uF,20%,16V,GP,TP,6.3x11,5	
....4	C701	2401-000025	C-AL;100uF,20%,16V,GP,TP,6.3x11,5	
....4	C701	2401-000025	C-AL;100uF,20%,16V,GP,TP,6.3x11,5	
....4	C701	2401-000025	C-AL;100uF,20%,16V,GP,TP,6.3x11,5	
....4	C701	2401-000025	C-AL;100uF,20%,16V,GP,TP,6.3x11,5	
....4	C701	2401-000025	C-AL;100uF,20%,16V,GP,TP,6.3x11,5	
....4	C701	2401-000025	C-AL;100uF,20%,16V,GP,TP,6.3x11,5	
....4	C701	2401-000025	C-AL;100uF,20%,16V,GP,TP,6.3x11,5	
....4	C701	2401-000025	C-AL;100uF,20%,16V,GP,TP,6.3x11,5	
....4	C701	2401-000025	C-AL;100uF,20%,16V,GP,TP,6.3x11,5	
....4	C701	2401-000025	C-AL;100uF,20%,16V,GP,TP,6.3x11,5	
....4	C701	2401-000025	C-AL;100uF,20%,16V,GP,TP,6.3x11,5	
....4	C701	2401-000025	C-AL;100uF,20%,16V,GP,TP,6.3x11,5	
....4	C701	2401-000025	C-AL;100uF,20%,16V,GP,TP,6.3x11,5	
....4	C701	2401-000025	C-AL;100uF,20%,16V,GP,TP,6.3x11,5	
....4	C701	2401-000025	C-AL;100uF,20%,16V,GP,TP,6.3x11,5	
....4	C701	2401-000025	C-AL;100uF,20%,16V,GP,TP,6.3x11,5	
....4	C701	2401-000025	C-AL;100uF,20%,16V,GP,TP,6.3x11,5	
....4	C701	2401-000025	C-AL;100uF,20%,16V,GP,TP,6.3x11,5	
....4	C701	2401-000025	C-AL;100uF,20%,16V,GP,TP,6.3x11,5	
....4	C701	2401-000025	C-AL;100uF,20%,16V,GP,TP,6.3x11,5	
....4	C701	2401-000025	C-AL;100uF,20%,16V,GP,TP,6.3x11,5	
....4	C701	2401-000025	C-AL;100uF,20%,16V,GP,TP,6.3x11,5	
....4	C701	2401-002216	C-AL;2200uF,20%,35V,GP,TP,16x25,7.5	
....4	C701	2401-002216	C-AL;2200uF,20%,35V,GP,TP,16x25,7.5	
....4	C701	2401-000050	C-AL;10uF,20%,16V,GP,TP,5x11,2.5	
....4	C701	2401-000050	C-AL;10uF,20%,16V,GP,TP,5x11,2.5	
....4	C701	2401-000050	C-AL;10uF,20%,16V,GP,TP,5x11,2.5	
....4	C701	2401-000050	C-AL;10uF,20%,16V,GP,TP,5x11,2.5	
....4	C701	2401-000050	C-AL;10uF,20%,16V,GP,TP,5x11,2.5	
....4	C701	2401-000050	C-AL;10uF,20%,16V,GP,TP,5x11,2.5	
....4	C701	2401-000050	C-AL;10uF,20%,16V,GP,TP,5x11,2.5	
....4	C701	2401-000050	C-AL;10uF,20%,16V,GP,TP,5x11,2.5	
....4	C701	2401-000050	C-AL;10uF,20%,16V,GP,TP,5x11,2.5	
....4	C701	2401-000050	C-AL;10uF,20%,16V,GP,TP,5x11,2.5	
....4	C701	2401-000050	C-AL;10uF,20%,16V,GP,TP,5x11,2.5	
....4	C701	2401-000050	C-AL;10uF,20%,16V,GP,TP,5x11,2.5	
....4	C701	2401-000050	C-AL;10uF,20%,16V,GP,TP,5x11,2.5	
....4	C701	2401-000050	C-AL;10uF,20%,16V,GP,TP,5x11,2.5	
....4	C701	2401-000050	C-AL;10uF,20%,16V,GP,TP,5x11,2.5	
....4	C701	2401-000050	C-AL;10uF,20%,16V,GP,TP,5x11,2.5	
....4	C701	2401-000050	C-AL;10uF,20%,16V,GP,TP,5x11,2.5	
....4	C701	2401-000050	C-AL;10uF,20%,16V,GP,TP,5x11,2.5	
....4	C701	2401-000050	C-AL;10uF,20%,16V,GP,TP,5x11,2.5	
....4	C701	2401-000050	C-AL;10uF,20%,16V,GP,TP,5x11,2.5	
....4	C701	2401-000050	C-AL;10uF,20%,16V,GP,TP,5x11,2.5	
....4	C701	2401-000050	C-AL;10uF,20%,16V,GP,TP,5x11,2.5	
....4	C701	2401-000050	C-AL;10uF,20%,16V,GP,TP,5x11,2.5	
....4	C701	2401-000050	C-AL;10uF,20%,16V,GP,TP,5x11,2.5	
....4	C701	2401-000050	C-AL;10uF,20%,16V,GP,TP,5x11,2.5	
....4	C701	2401-000050	C-AL;10uF,20%,16V,GP,TP,5x11,2.5	
....4	C701	2401-000050	C-AL;10uF,20%,16V,GP,TP,5x11,2.5	
....4	C701	2401-000050	C-AL;10uF,20%,16V,GP,TP,5x11,2.5	
....4	C701	2401-000050	C-AL;10uF,20%,16V,GP,TP,5x11,2.5	
....4	C701	2401-000050	C-AL;10uF,20%,16V,GP,TP,5x11,2.5	
....4	C701	2401-000050	C-AL;10uF,20%,16V,GP,TP,5x11,2.5	
....4	C701	2401-000050	C-AL;10uF,20%,16V,GP,TP,5x11,2.5	
....4	C701	2401-000050	C-AL;10uF,20%,16V,GP,TP,5x11,2.5	
....4	C701	2401-000050	C-AL;10uF,20%,16V,GP,TP,5x11,2.5	
....4	C701	2401-000050	C-AL;10uF,20%,16V,GP,TP,5x11,2.5	
....4	C701	2401-000050	C-AL;10uF,20%,16V,GP,TP,5x11,2.5	

Level	Loc. No.	Code No.	Description ; Specification	Remark
....4	C701	2401-000050	C-AL;10uF,20%,16V,GP,TP,5x11,2.5	
....4	C701	2401-000050	C-AL;10uF,20%,16V,GP,TP,5x11,2.5	
....4	C701	2401-000050	C-AL;10uF,20%,16V,GP,TP,5x11,2.5	
....4	C701	2401-000050	C-AL;10uF,20%,16V,GP,TP,5x11,2.5	
....4	C701	2401-000050	C-AL;10uF,20%,16V,GP,TP,5x11,2.5	
....4	C701	2401-000050	C-AL;10uF,20%,16V,GP,TP,5x11,2.5	
....4	C701	2401-000050	C-AL;10uF,20%,16V,GP,TP,5x11,2.5	
....4	C701	2401-000050	C-AL;10uF,20%,16V,GP,TP,5x11,2.5	
....4	C701	2401-002458	C-AL;1000uF,20%,35V,GP,TP,16x25,7.5	
....4	C701	2401-002458	C-AL;1000uF,20%,35V,GP,TP,16x25,7.5	
....4	C701	2401-002458	C-AL;1000uF,20%,35V,GP,TP,16x25,7.5	
....4	C701	2401-002458	C-AL;1000uF,20%,35V,GP,TP,16x25,7.5	
....4	C701	2401-002463	C-AL;470uF,20%,16V,GP,TP,8x11.5,5	
....4	C701	2401-002463	C-AL;470uF,20%,16V,GP,TP,8x11.5,5	
....4	C701	2401-002463	C-AL;470uF,20%,16V,GP,TP,8x11.5,5	
....4	C701	2401-002463	C-AL;470uF,20%,16V,GP,TP,8x11.5,5	
....4	C701	2401-002463	C-AL;470uF,20%,16V,GP,TP,8x11.5,5	
....4	C701	2401-002463	C-AL;470uF,20%,16V,GP,TP,8x11.5,5	
....4	C701	2401-002463	C-AL;470uF,20%,16V,GP,TP,8x11.5,5	
....4	C701	2401-002463	C-AL;470uF,20%,16V,GP,TP,8x11.5,5	
....4	C701	2401-002463	C-AL;470uF,20%,16V,GP,TP,8x11.5,5	
....4	LP03	2701-000114	INDUCTOR-AXIAL;10uH,10%,2534	
....4	LP02	2701-000114	INDUCTOR-AXIAL;10uH,10%,2534	
....4	L902	2701-000114	INDUCTOR-AXIAL;10uH,10%,2534	
....4	L710	2701-000114	INDUCTOR-AXIAL;10uH,10%,2534	
....4	LS01	2701-000114	INDUCTOR-AXIAL;10uH,10%,2534	
....4	LS02	2701-000114	INDUCTOR-AXIAL;10uH,10%,2534	
....4	LS03	2701-000114	INDUCTOR-AXIAL;10uH,10%,2534	
....4	LS04	2701-000114	INDUCTOR-AXIAL;10uH,10%,2534	
....4	L709	2701-000114	INDUCTOR-AXIAL;10uH,10%,2534	
....4	L102	2701-000114	INDUCTOR-AXIAL;10uH,10%,2534	
....4	L103	2701-000114	INDUCTOR-AXIAL;10uH,10%,2534	
....4	L702	2701-000114	INDUCTOR-AXIAL;10uH,10%,2534	
....4	L703	2701-000114	INDUCTOR-AXIAL;10uH,10%,2534	
....4	L707	2701-000114	INDUCTOR-AXIAL;10uH,10%,2534	
....4	L706	2701-000114	INDUCTOR-AXIAL;10uH,10%,2534	
....4	L705	2701-000114	INDUCTOR-AXIAL;10uH,10%,2534	
....4	L704	2701-000114	INDUCTOR-AXIAL;10uH,10%,2534	
....4	LG01	2701-000115	INDUCTOR-AXIAL;10uH,10%,3070	
....4	L901	2701-000115	INDUCTOR-AXIAL;10uH,10%,3070	
....4	L708	2701-000115	INDUCTOR-AXIAL;10uH,10%,3070	
....4	LP06	2701-000115	INDUCTOR-AXIAL;10uH,10%,3070	
....4	LS07	2701-000115	INDUCTOR-AXIAL;10uH,10%,3070	
....4	LS08	2701-000115	INDUCTOR-AXIAL;10uH,10%,3070	
....4	L101	2701-000115	INDUCTOR-AXIAL;10uH,10%,3070	
....4	L106	2701-000115	INDUCTOR-AXIAL;10uH,10%,3070	
....4	L107	2701-000115	INDUCTOR-AXIAL;10uH,10%,3070	
....4	L602	2701-000115	INDUCTOR-AXIAL;10uH,10%,3070	
....4	L603	2701-000115	INDUCTOR-AXIAL;10uH,10%,3070	
....4	L701	2701-000115	INDUCTOR-AXIAL;10uH,10%,3070	
....4	LP04	2701-000116	INDUCTOR-AXIAL;10uH,10%,4298	
....4	L104	2701-000116	INDUCTOR-AXIAL;10uH,10%,4298	
....4	L601	2701-000170	INDUCTOR-AXIAL;3.9uH,10%,3070	
....4	JC01	2701-000184	INDUCTOR-AXIAL;4.7uH,10%,2534	
....4	L802	2701-001040	INDUCTOR-AXIAL;10uH,10%,4514	
....4	L801	2701-001040	INDUCTOR-AXIAL;10uH,10%,4514	
....4	L201	3301-001223	BEAD-AXIAL;62ohm,3.5x0.8x5mm,-,TP,HF30,-	
....4	CN906	3711-002644	CONNECTOR-HEADER;BOX,5P,1R,2.5mm,STRAIGH	
....4	CN906	3711-002644	CONNECTOR-HEADER;BOX,5P,1R,2.5mm,STRAIGH	
....4	CN906	3711-002645	CONNECTOR-HEADER;BOX,6P,1R,2.5mm,STRAIGH	
....4	CN906	3711-002646	CONNECTOR-HEADER;BOX,7P,1R,2.5mm,STRAIGH	
....4	CN906	3711-002646	CONNECTOR-HEADER;BOX,7P,1R,2.5mm,STRAIGH	
....4	CN906	3711-002646	CONNECTOR-HEADER;BOX,7P,1R,2.5mm,STRAIGH	
....4	EL06	6042-000001	EYELET;ID2.2,OD2.7,L3.1,NI+SN,BSP3-1/2H	S.N.A
....4	EL07	6042-000001	EYELET;ID2.2,OD2.7,L3.1,NI+SN,BSP3-1/2H	S.N.A
....4	EL08	6042-000001	EYELET;ID2.2,OD2.7,L3.1,NI+SN,BSP3-1/2H	S.N.A
....4	EL09	6042-000001	EYELET;ID2.2,OD2.7,L3.1,NI+SN,BSP3-1/2H	S.N.A
....4	EL05	6042-000001	EYELET;ID2.2,OD2.7,L3.1,NI+SN,BSP3-1/2H	S.N.A
....4	EL04	6042-000001	EYELET;ID2.2,OD2.7,L3.1,NI+SN,BSP3-1/2H	S.N.A
....4	EL02	6042-000001	EYELET;ID2.2,OD2.7,L3.1,NI+SN,BSP3-1/2H	S.N.A
....4	EL01	6042-000001	EYELET;ID2.2,OD2.7,L3.1,NI+SN,BSP3-1/2H	S.N.A
....4	PCB	AA41-00156F	PCB-MAIN;WS36Z48D,FR-1,1L,F,1.6T,330X245	S.N.A
....4	EY09	6042-000002	EYELET;ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H	S.N.A
....4	EY10	6042-000002	EYELET;ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H	S.N.A
....4	EY11	6042-000002	EYELET;ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H	S.N.A
....4	EY12	6042-000002	EYELET;ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H	S.N.A
....4	EY13	6042-000002	EYELET;ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H	S.N.A
....4	EY14	6042-000002	EYELET;ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H	S.N.A
....4	EY15	6042-000002	EYELET;ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H	S.N.A
....4	EY16	6042-000002	EYELET;ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H	S.N.A
....4	EY01	6042-000002	EYELET;ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H	S.N.A
....4	EY02	6042-000002	EYELET;ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H	S.N.A
....4	EY03	6042-000002	EYELET;ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H	S.N.A
....4	EY04	6042-000002	EYELET;ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H	S.N.A
....4	EY05	6042-000002	EYELET;ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H	S.N.A
....4	EY06	6042-000002	EYELET;ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H	S.N.A
....4	EY07	6042-000002	EYELET;ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H	S.N.A
....4	EY08	6042-000002	EYELET;ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H	S.N.A
....4	GT101	AA60-40014A	PIN-GT,ASSY;AUTO	S.N.A
...3	X601	2801-004020	CRYSTAL-UNIT;18.432MHz,30ppm,28-AAM,12pF	
...3		AA61-00706B	HOLDER-COVER;ALL MODEL,NYLON-66 T1.0 V2,	S.N.A
..2	T0098	AA94-08529D	ASSY PCB MISC-CONTROL;-Z6/-Z7,KS4A,PAL	
...3	T0081	6003-001268	SCREW-TAPTITE;TH,+,B,M4,L12,ZPC(YEL),SWR	
...3	T0245	AA39-00243A	LEAD CONNECTOR-ASSY;,5P,200/180MM,YBNH25	
...3	T0007	AA96-00937E	ASSY COVER P-COVER CONTROL;CS34Z6HF,HIPS	
....4	T0081	6003-001019	SCREW-TAPTITE;RH,+,B,M4,L12,ZPC(BLK),SWR	
....4	CIS1	AA63-00570E	COVER-CONTROL;34Z6,HIPS,HB,G4309,DGN-118	S.N.A
....4	T0022	AA64-02662A	KNOB-CONTROL;Z7,ABS,HB,G3676,S104M+W971	
....4	T0069	AA63-60001R	SPACER-FELT;-,FELT,-,-,-,-,T0.35,-,200X1	S.N.A
...3		AA97-12448A	ASSY AUTO-CONTROL;-Z6,-Z7,KS4A,PAL	S.N.A
....4	DZ016	0403-001211	DIODE-ZENER;MTZJ12B,11.44-12.03V,500MW,D	
....4	R125	2001-000008	R-CARBON;15KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
....4	R125	2001-000591	R-CARBON;3.3KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
....4	R125	2001-000591	R-CARBON;3.3KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
....4	R125	2001-000947	R-CARBON;7.5KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
....4	R125	2001-000947	R-CARBON;7.5KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
....4	LY01	2701-000123	INDUCTOR-AXIAL;150uH,10%,2534	
....4	PCB	AA41-00651A	PCB-CONTROL;CS29Z7HF,FR-1,1L,A,1.6T,330X	S.N.A
....4	SWY01	3404-000243	SWITCH-TACT;15V,20mA,160gf+-50gf,6x3.4mm	
....4	SWY02	3404-000243	SWITCH-TACT;15V,20mA,160gf+-50gf,6x3.4mm	
....4	SWY03	3404-000243	SWITCH-TACT;15V,20mA,160gf+-50gf,6x3.4mm	
....4	SWY04	3404-000243	SWITCH-TACT;15V,20mA,160gf+-50gf,6x3.4mm	
....4	SWY05	3404-000243	SWITCH-TACT;15V,20mA,160gf+-50gf,6x3.4mm	
....4	SWY06	3404-000243	SWITCH-TACT;15V,20mA,160gf+-50gf,6x3.4mm	
...3		0202-000187	SOLDER-WIRE FLUX;-,RS60S,D1.2,63Sn/37Pb	S.N.A
..2	T0091	AA94-08530E	ASSY PCB MISC-A/V SIDE;-Z6/-Z7,KS4A,PAL	
...3	JA704A	3701-001013	CONNECTOR-DSUB;15P,3R,FEMALE,STRAIGHT,AU	
...3	JA702A	3722-000544	JACK-VHS;4P,11.5mm,AG,BLK,N	
...3	JA703A	3722-001061	JACK-PHONE;1P,3.6PI,AG,BLK,N	
...3	JA701A	3722-001164	JACK-PIN;3P,3.4mm,SN,WH:YE:RE,#16-22	
...3	T0081	6003-001268	SCREW-TAPTITE;TH,+,B,M4,L12,ZPC(YEL),SWR	
...3	T0245	AA39-20070F	LEAD CONNECTOR-ASSY;,7P,500,YBNH025-07,6	
...3	T0245	AA39-20159C	LEAD CONNECTOR-ASSY;,12P,500MM,YBNH025-1	
...3	T0006	AA96-00940C	ASSY COVER P-COVER A/V;CS34Z6HF,HIPS HB,	
....4	T0259	AA63-00572A	COVER-A/V;34Z6,HIPS,HB,G4309,DGN-1189	S.N.A
....4		AA64-02667D	INLAY-AV;CS29Z6HF,PS SHEET,T0.3,DGN-K189	S.N.A
....4	T0069	AA63-60001R	SPACER-FELT;-,FELT,-,-,-,-,T0.35,-,200X1	S.N.A
...3		AA97-12446A	ASSY AUTO-A/V SIDE;-Z6/-Z7,KS4A	S.N.A
....4	T0156	0501-000389	TR-SMALL SIGNAL;KSC815,NPN,400mW,TO-92,T	
....4	R125	2001-000273	R-CARBON;100KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
....4	R125	2001-000273	R-CARBON;100KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
....4	R125	2001-000522	R-CARBON;22KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
....4	R125	2001-000780	R-CARBON;470OHM,5%,1/8W,AA,TP,1.8X3.2MM	
....4	R125	2001-000947	R-CARBON;7.5KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
....4	R125	2001-000969	R-CARBON;75OHM,5%,1/8W,AA,TP,1.8X3.2MM	
....4	R125	2001-000969	R-CARBON;75OHM,5%,1/8W,AA,TP,1.8X3.2MM	
....4	R125	2001-000969	R-CARBON;75OHM,5%,1/8W,AA,TP,1.8X3.2MM	
....4	R075	2001-001107	R-CARBON(S);220ohm,5%,1/2W,AA,TP,2.4x6.4	
....4	R075	2001-001107	R-CARBON(S);220ohm,5%,1/2W,AA,TP,2.4x6.4	
....4	C689	2202-000121	C-CERAMIC,MLC-AXIAL;100pF,10%,50V,Y5P,TP	
....4	C689	2202-000121	C-CERAMIC,MLC-AXIAL;100pF,10%,50V,Y5P,TP	
....4	C689	2202-000121	C-CERAMIC,MLC-AXIAL;100pF,10%,50V,Y5P,TP	
....4	C689	2202-000231	C-CERAMIC,MLC-AXIAL;0.33NF,10%,50V,Y5P,T	
....4	C689	2202-000231	C-CERAMIC,MLC-AXIAL;0.33NF,10%,50V,Y5P,T	
....4	C689	2202-000263	C-CERAMIC,MLC-AXIAL;470pF,10%,50V,Y5P,TP	
....4	C689	2202-000263	C-CERAMIC,MLC-AXIAL;470pF,10%,50V,Y5P,TP	
....4	F101	2901-000297	FILTER-EMI ON BOARD;-,3A,-,-,3.5x5,TP,-	
....4	F101	2901-000297	FILTER-EMI ON BOARD;-,3A,-,-,3.5x5,TP,-	
....4	F101	2901-000297	FILTER-EMI ON BOARD;-,3A,-,-,3.5x5,TP,-	
....4	F101	2901-000297	FILTER-EMI ON BOARD;-,3A,-,-,3.5x5,TP,-	
....4	F101	2901-000297	FILTER-EMI ON BOARD;-,3A,-,-,3.5x5,TP,-	
....4	R125	2001-000786	R-CARBON;47KOHM,5%,1/8W,AA,TP,1.8X3.2MM	

Level	Loc. No.	Code No.	Description ; Specification	Remark
....4	PCB	AA41-00652B	PCB-SIDE AV;CS29Z7HF,FR-1,1L,B,1.6T,330X	S.N.A
...3	F101	2901-000297	FILTER-EMI ON BOARD;-,3A,-,-,3.5x5,TP,-	
...3	F101	2901-000297	FILTER-EMI ON BOARD;-,3A,-,-,3.5x5,TP,-	
...3		0202-000187	SOLDER-WIRE FLUX;-,RS60S,D1.2,63Sn/37Pb	S.N.A
...3		AA63-10002A	BAND-TIE;NYLON66 V2,L100,NTR	S.N.A
..2	T0137	AA94-08604A	ASSY PCB MISC-LED;-Z6,KS4A	
...3	LD01	0601-001381	LED;ROUND,RED/GRN,5.0MM,650/563NM	
...3	RM01	AA32-00012A	MODULE REMOCON;ORC-50HF2,38KHZ,940NM,MES	
...3	T0245	AA39-20070A	LEAD CONNECTOR-ASSY;,7P,300,YBNH025-07,6	
...3		AA97-12451A	ASSY AUTO-LED;-Z6,KS4A	S.N.A
....4	DC01	0401-000005	DIODE-SWITCHING;1N4148,100V,200mA,DO-35,	
....4	DC02	0401-000005	DIODE-SWITCHING;1N4148,100V,200mA,DO-35,	
....4	R075	2001-000020	R-CARBON(S);22OHM,5%,1/2W,AA,TP,2.4X6.4M	
....4	R075	2001-001111	R-CARBON(S);240OHM,5%,1/2W,AA,TP,2.4X6.4	
....4	R075	2001-001111	R-CARBON(S);240OHM,5%,1/2W,AA,TP,2.4X6.4	
....4	C701	2401-002291	C-AL;47uF,20%,16V,GP,TP,6.3x5,5	
....4	PCB	AA41-00702A	PCB-LED;WS32Z6HF,FR-1,1L,A,1.6T,245X245,	S.N.A
...3		0202-000187	SOLDER-WIRE FLUX;-,RS60S,D1.2,63Sn/37Pb	S.N.A
..2	T0569	AA94-11730A	ASSY PCB MISC-MASTER;Z6,Z7Z9,K55A,S57A,P	
...3		0202-000187	SOLDER-WIRE FLUX;-,RS60S,D1.2,63Sn/37Pb	S.N.A
...3	T0081	6003-000333	SCREW-TAPTITE;RH,+,2S,M3,L10,ZPC(YEL),SW	S.N.A
...3	T0081	6003-000333	SCREW-TAPTITE;RH,+,2S,M3,L10,ZPC(YEL),SW	S.N.A
...3	T0245	AA39-20179C	LEAD CONNECTOR-ASSY;,3(2)P,600MM,YFH800-	
...3		AA61-00719B	HOLDER-MASTER;T6,W3,HIPS V0,BLK,J52A	S.N.A
...3		AA97-05539A	ASSY AUTO-MASTER;WS36Z48D,KS4A,PAL	S.N.A
....4	EY01	6042-000002	EYELET;ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H	S.N.A
....4	EY02	6042-000002	EYELET;ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H	S.N.A
....4	EY03	6042-000002	EYELET;ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H	S.N.A
....4	EY04	6042-000002	EYELET;ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H	S.N.A
....4	GTY05	AA60-40014A	PIN-GT,ASSY;AUTO	S.N.A
....4	GTY06	AA60-40014A	PIN-GT,ASSY;AUTO	S.N.A
....4	GTY07	AA60-40014A	PIN-GT,ASSY;AUTO	S.N.A
....4	GTY08	AA60-40014A	PIN-GT,ASSY;AUTO	S.N.A
....4	GTY09	AA60-40014A	PIN-GT,ASSY;AUTO	S.N.A
....4	GTY10	AA60-40014A	PIN-GT,ASSY;AUTO	S.N.A
....4	PCB	AA41-00521A	PCB-MASTER S/W;CS32Z4,FR-1,1L,A,1.6T,245	S.N.A
⚠ ...3	SW811S	3403-001134	SWITCH-PUSH;250V,5A,DPST,ON-OFF,-	
..2	T0115	AA95-01758A	ASSY SUB-PCB CRT;,KS4A,34,CRT DRIVE,AA9	
...3		0202-000187	SOLDER-WIRE FLUX;-,RS60S,D1.2,63Sn/37Pb	S.N.A
...3	C598	2201-002117	C-CERAMIC,DISC;4.7nF,20%,3kV,Y5U,TP,16x6	
...3	C503	2303-000186	C-FILM,LEAD-PPF;22nF,5%,400V,BK,19.5x13.	
...3	C510	2303-000186	C-FILM,LEAD-PPF;22nF,5%,400V,BK,19.5x13.	
...3	C511	2303-000186	C-FILM,LEAD-PPF;22nF,5%,400V,BK,19.5x13.	
...3	C512	2303-000186	C-FILM,LEAD-PPF;22nF,5%,400V,BK,19.5x13.	
...3	VA999	3704-000114	SOCKET-CRT;14P,29.1,35.5,SN,ISH09S/BK	
...3	CN906	3711-003052	CONNECTOR-HEADER;BOX,10P,1R,2.5MM,STRAIG	
...3	CN906	3711-003974	CONNECTOR-HEADER;BOX,12P,1R,2.5mm,STRAIG	
...3	T0245	AA39-00112C	LEAD CONNECTOR-ASSY;,10P,500MM,35155-100	
...3	T0245	AA39-00114C	LEAD CONNECTOR-ASSY;,12P,500MM,35155-120	
...3	T0245	AA39-20010B	LEAD CONNECTOR-ASSY;,1P,500,YFH800-01,S,	
...3		AA63-10002A	BAND-TIE;NYLON66 V2,L100,NTR	S.N.A
...3	IC504	AA96-00110D	ASSY H/S;-,-,AA62-30013K,TDA2030,-	S.N.A
....4	DU410	1201-000010	IC-OP AMP;2030,PENTAWATT,5P,-,SINGLE,-,C	
....4	T0081	6003-000333	SCREW-TAPTITE;RH,+,2S,M3,L10,ZPC(YEL),SW	S.N.A
....4		AA62-30013K	HEAT SINK-ES;-,-,-,-,44/18,-,WHT,A6063 E	S.N.A
...3	QF10	AA96-00111A	ASSY H/S;-,-,AA62-30013L,2SC2344,-	S.N.A
....4	T0090	0502-000153	TR-POWER;2SC2344-D,NPN,1.2W,TO-220,-,60	
....4	T0081	6003-000333	SCREW-TAPTITE;RH,+,2S,M3,L10,ZPC(YEL),SW	S.N.A
....4		AA62-30013L	HEAT SINK-ES;-,-,-,-,44/22,-,WHT,-,-,-,-	S.N.A
...3	QF09	AA96-00111B	ASSY H/S;-,-,AA62-30013L,2SA1011,-	S.N.A
....4	T0090	0502-000131	TR-POWER;2SA1011-D,PNP,1.2W,TO-220,-,60	
....4	T0081	6003-000333	SCREW-TAPTITE;RH,+,2S,M3,L10,ZPC(YEL),SW	S.N.A
....4		AA62-30013L	HEAT SINK-ES;-,-,-,-,44/22,-,WHT,-,-,-,-	S.N.A
...3	IC501	AA96-50151B	ASSY H/S;-,AMP,AA61-10060A,TDA6111Q,-	S.N.A
...3	IC502	AA96-50151B	ASSY H/S;-,AMP,AA61-10060A,TDA6111Q,-	S.N.A
...3	IC503	AA96-50151B	ASSY H/S;-,AMP,AA61-10060A,TDA6111Q,-	S.N.A
....4	T0074	1201-001131	IC-VIDEO AMP;6111,SIP,9P,-,SINGLE,-,PLAS	
....4	CCM	6001-000057	SCREW-MACHINE;RH,+,M3,L6,ZPC(BLK),SWRCH1	S.N.A
....4		6021-000222	NUT-HEXAGON;2C,M3,ZPC(YEL),SM20C,-	S.N.A
....4		AA61-10060A	BRACKET-TR;W3220,CUS-1 1/2H,T0.5,-,-,-,-	S.N.A
...3		AA97-05134A	ASSY AUTO-SUB;34,KS4A,NTSC,CRTDRIVE,V/M	S.N.A
....4	D501	0401-000005	DIODE-SWITCHING;1N4148,100V,200mA,DO-35,	
....4	DF01	0401-000005	DIODE-SWITCHING;1N4148,100V,200mA,DO-35,	
....4	DF02	0401-000005	DIODE-SWITCHING;1N4148,100V,200mA,DO-35,	
....4	DF05	0401-000005	DIODE-SWITCHING;1N4148,100V,200mA,DO-35,	
....4	DF06	0401-000005	DIODE-SWITCHING;1N4148,100V,200mA,DO-35,	
....4	T0083	0402-000132	DIODE-RECTIFIER;1N4004,400V,1A,DO-41,TP	

Level	Loc. No.	Code No.	Description ; Specification	Remark
....4	T0083	0402-000546	DIODE-RECTIFIER;TVR10G,400V,1.0A,DO-41,T	
....4	T0083	0402-000546	DIODE-RECTIFIER;TVR10G,400V,1.0A,DO-41,T	
....4	T0083	0402-000546	DIODE-RECTIFIER;TVR10G,400V,1.0A,DO-41,T	
....4	T0083	0402-000546	DIODE-RECTIFIER;TVR10G,400V,1.0A,DO-41,T	
....4	T0083	0402-000546	DIODE-RECTIFIER;TVR10G,400V,1.0A,DO-41,T	
....4	T0083	0402-000546	DIODE-RECTIFIER;TVR10G,400V,1.0A,DO-41,T	
....4	T0083	0402-000546	DIODE-RECTIFIER;TVR10G,400V,1.0A,DO-41,T	
....4	T0083	0402-000546	DIODE-RECTIFIER;TVR10G,400V,1.0A,DO-41,T	
....4	T0083	0402-000546	DIODE-RECTIFIER;TVR10G,400V,1.0A,DO-41,T	
....4	DZ016	0403-000698	DIODE-ZENER;TZP12A,12V,11.4-12.6V,1W,DO-	
....4	DZ016	0403-001211	DIODE-ZENER;MTZJ12B,11.44-12.03V,500MW,D	
....4	DZ016	0403-001211	DIODE-ZENER;MTZJ12B,11.44-12.03V,500MW,D	
....4	DZ016	0403-001211	DIODE-ZENER;MTZJ12B,11.44-12.03V,500MW,D	
....4	DZ016	0403-001324	DIODE-ZENER;MTZJ13A,12.11-12.75V,500mW,D	
....4	T0156	0501-000283	TR-SMALL SIGNAL;KSA539,PNP,400mW,TO-92,T	
....4	T0156	0501-000283	TR-SMALL SIGNAL;KSA539,PNP,400mW,TO-92,T	
....4	T0156	0501-000389	TR-SMALL SIGNAL;KSC815,NPN,400mW,TO-92,T	
....4	T0156	0501-000389	TR-SMALL SIGNAL;KSC815,NPN,400mW,TO-92,T	
....4	T0156	0501-000389	TR-SMALL SIGNAL;KSC815,NPN,400mW,TO-92,T	
....4	T0156	0501-000389	TR-SMALL SIGNAL;KSC815,NPN,400mW,TO-92,T	
....4	R075	2001-000019	R-CARBON(S);10OHM,5%,1/2W,AA,TP,2.4X6.4M	
....4	R075	2001-000022	R-CARBON(S);33OHM,5%,1/2W,AA,TP,2.4X6.4M	
....4	R075	2001-000022	R-CARBON(S);33OHM,5%,1/2W,AA,TP,2.4X6.4M	
....4	R125	2001-000221	R-CARBON;1.2KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
....4	R125	2001-000221	R-CARBON;1.2KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
....4	R125	2001-000221	R-CARBON;1.2KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
....4	R125	2001-000221	R-CARBON;1.2KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
....4	R125	2001-000241	R-CARBON;1.5KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
....4	R125	2001-000241	R-CARBON;1.5KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
....4	R125	2001-000241	R-CARBON;1.5KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
....4	R125	2001-000241	R-CARBON;1.5KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
....4	R125	2001-000252	R-CARBON;1.6KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
....4	R125	2001-000258	R-CARBON;1.8KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
....4	R125	2001-000273	R-CARBON;100KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
....4	R125	2001-000273	R-CARBON;100KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
....4	R125	2001-000290	R-CARBON;10KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
....4	R125	2001-000290	R-CARBON;10KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
....4	R125	2001-000331	R-CARBON;12KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
....4	R125	2001-000356	R-CARBON;150KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
....4	R125	2001-000411	R-CARBON;18KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
....4	R125	2001-000429	R-CARBON;1KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
....4	R125	2001-000429	R-CARBON;1KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
....4	R125	2001-000429	R-CARBON;1KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
....4	R125	2001-000429	R-CARBON;1KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
....4	R125	2001-000472	R-CARBON;2.7KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
....4	R125	2001-000522	R-CARBON;22KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
....4	R125	2001-000554	R-CARBON;270OHM,5%,1/8W,AA,TP,1.8X3.2MM	
....4	R125	2001-000890	R-CARBON;6.8KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
....4	R125	2001-000924	R-CARBON;680OHM,5%,1/8W,AA,TP,1.8X3.2MM	
....4	R125	2001-000989	R-CARBON;820KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
....4	R125	2001-000995	R-CARBON;820OHM,5%,1/8W,AA,TP,1.8X3.2MM	
....4	R075	2001-001040	R-CARBON(S);0.68OHM,5%,1/2W,AA,TP,2.4X6.	
....4	R075	2001-001045	R-CARBON(S);1.2KOHM,5%,1/2W,AA,TP,2.4X6.	
....4	R075	2001-001045	R-CARBON(S);1.2KOHM,5%,1/2W,AA,TP,2.4X6.	
....4	R075	2001-001045	R-CARBON(S);1.2KOHM,5%,1/2W,AA,TP,2.4X6.	
....4	R075	2001-001049	R-CARBON(S);1.3KOHM,5%,1/2W,AA,TP,2.4X6.	
....4	R075	2001-001071	R-CARBON(S);12KOHM,5%,1/2W,AA,TP,2.4X6.4	
....4	R075	2001-001095	R-CARBON(S);2.2MOHM,5%,1/2W,AA,TP,2.4X6.	
....4	R075	2001-001100	R-CARBON(S);2.7OHM,5%,1/2W,AA,TP,2.4X6.4	
....4	R075	2001-001100	R-CARBON(S);2.7OHM,5%,1/2W,AA,TP,2.4X6.4	
....4	R075	2001-001126	R-CARBON(S);300OHM,5%,1/2W,AA,TP,2.4X6.4	
....4	R075	2001-001179	R-CARBON(S);68KOHM,5%,1/2W,AA,TP,2.4X6.4	
....4	R075	2001-001179	R-CARBON(S);68KOHM,5%,1/2W,AA,TP,2.4X6.4	
....4	R075	2001-001194	R-CARBON(S);82KOHM,5%,1/2W,AA,TP,2.4X6.4	
....4	R075	2001-001194	R-CARBON(S);82KOHM,5%,1/2W,AA,TP,2.4X6.4	
....4	R075	2001-001194	R-CARBON(S);82KOHM,5%,1/2W,AA,TP,2.4X6.4	
....4	R525	2002-001006	R-COMPOSITION;4.7KOHM,15%,1/2W,AA,TP,3.7	
....4	R524	2002-001012	R-COMPOSITION;8.2Mohm,5%,1/2W,AA,TP,3.7x	
....4	R513	2002-001017	R-COMPOSITION;1Kohm,10%,1/2W,AA,TP,3.7x9	
....4	R514	2002-001017	R-COMPOSITION;1Kohm,10%,1/2W,AA,TP,3.7x9	
....4	R515	2002-001017	R-COMPOSITION;1Kohm,10%,1/2W,AA,TP,3.7x9	
....4	RF32	2003-000746	R-METAL OXIDE(S);56ohm,5%,2W,AF,TP,4x12m	
....4	RF35	2003-000746	R-METAL OXIDE(S);56ohm,5%,2W,AF,TP,4x12m	
....4	RF24	2003-001018	R-METAL OXIDE(S);220ohm,5%,2W,AF,TP,3.9x	
....4	RF36	2003-001018	R-METAL OXIDE(S);220ohm,5%,2W,AF,TP,3.9x	
....4	R024	2004-001379	R-METAL(S);12Kohm,1%,1/2W,AA,TP,2.4x6.4m	
....4	R528	2008-001013	R-FUSIBLE(S);1.2ohm,5%,2W,AF,TP,3.9x10mm	

Level	Loc. No.	Code No.	Description ; Specification	Remark
....4	C598	2201-000192	C-CERAMIC,DISC;0.01NF,0.25PF,500V,C0G,TP	
....4	C598	2201-000192	C-CERAMIC,DISC;0.01NF,0.25PF,500V,C0G,TP	
....4	C598	2201-000017	C-CERAMIC,DISC;1NF,10%,50V,Y5P,TP,5X3.5M	
....4	C598	2201-000436	C-CERAMIC,DISC;0.002NF,0.25PF,50V,SL,TP,	
....4	C598	2201-000516	C-CERAMIC,DISC;4.7NF,+100-0%,500V,Y5U,TP	
....4	C598	2201-000599	C-CERAMIC,DISC;0.56NF,10%,500V,Y5P,TP,5.	
....4	C598	2201-000599	C-CERAMIC,DISC;0.56NF,10%,500V,Y5P,TP,5.	
....4	C598	2201-000599	C-CERAMIC,DISC;0.56NF,10%,500V,Y5P,TP,5.	
....4	C598	2201-000604	C-CERAMIC,DISC;0.056NF,+100-0%,500V,SL,T	
....4	C598	2201-000949	C-CERAMIC,DISC;0.005NF,0.5PF,50V,UJ,TP,4	
....4	C598	2201-000982	C-CERAMIC,DISC;10NF,+80-20%,50V,Y5V,TP,4	
....4	C2560	2301-000016	C-FILM,LEAD-PEF;22nF,5%,100V,TP,7.2x4.5x	
....4	C2560	2301-000016	C-FILM,LEAD-PEF;22nF,5%,100V,TP,7.2x4.5x	
....4	C2560	2301-000016	C-FILM,LEAD-PEF;22nF,5%,100V,TP,7.2x4.5x	
....4	C2560	2301-000016	C-FILM,LEAD-PEF;22nF,5%,100V,TP,7.2x4.5x	
....4	C2560	2301-000016	C-FILM,LEAD-PEF;22nF,5%,100V,TP,7.2x4.5x	
....4	C2560	2301-000261	C-FILM,LEAD-PEF;4.7nF,5%,100V,TP,10.5x12	
....4	C2560	2305-000665	C-FILM,LEAD-PEF;100nF,5%,63V,TP,7.5x4.0x	
....4	C701	2401-000045	C-AL;10uF,20%,160V,GP,TP,10x16,5	
....4	C701	2401-000703	C-AL;2200uF,20%,25V,GP,-,12.5x25mm,	
....4	C701	2401-000832	C-AL;220uF,20%,25V,GP,TP,8x11.5,5	
....4	C701	2401-000832	C-AL;220uF,20%,25V,GP,TP,8x11.5,5	
....4	C701	2401-000832	C-AL;220uF,20%,25V,GP,TP,8x11.5,5	
....4	C701	2401-000913	C-AL;22uF,20%,16V,GP,TP,5x11,5	
....4	C701	2401-001157	C-AL;33uF,20%,160V,GP,TP,12.5x20,5	
....4	C701	2401-001176	C-AL;33uF,20%,25V,GP,TP,5x11,5	
....4	C701	2401-001563	C-AL;47uF,20%,400V,GP,TP,16x25,7.5	
....4	C701	2401-000050	C-AL;10uF,20%,16V,GP,TP,5x11,2.5	
....4	C701	2401-002264	C-AL;10uF,20%,350V,GP,TP,10x20mm,5m	
....4	LF03	2701-000112	INDUCTOR-AXIAL;100uH,10%,3070	
....4	L502	2701-000178	INDUCTOR-AXIAL;33uH,10%,3070	
....4	F101	2901-000297	FILTER-EMI ON BOARD;-,3A,-,-,3.5x5,TP,-	
....4	F101	2901-000297	FILTER-EMI ON BOARD;-,3A,-,-,3.5x5,TP,-	
....4	F101	2901-000297	FILTER-EMI ON BOARD;-,3A,-,-,3.5x5,TP,-	
....4	F101	2901-000297	FILTER-EMI ON BOARD;-,3A,-,-,3.5x5,TP,-	
....4	LF01	3301-000287	BEAD-AXIAL;3.5x1.0x6.0mm,1500,2400G	
....4	LF02	3301-000287	BEAD-AXIAL;3.5x1.0x6.0mm,1500,2400G	
....4	LF04	3301-000287	BEAD-AXIAL;3.5x1.0x6.0mm,1500,2400G	
....4	CN906	3711-002642	CONNECTOR-HEADER;BOX,3P,1R,2.5mm,STRAIGH	
....4	CN906	3711-002643	CONNECTOR-HEADER;BOX,4P,1R,2.5mm,STRAIGH	
....4	EL80	6042-000001	EYELET;ID2.2,OD2.7,L3.1,NI+SN,BSP3-1/2H	S.N.A
....4	EL81	6042-000001	EYELET;ID2.2,OD2.7,L3.1,NI+SN,BSP3-1/2H	S.N.A
....4	EL82	6042-000001	EYELET;ID2.2,OD2.7,L3.1,NI+SN,BSP3-1/2H	S.N.A
....4	EL83	6042-000001	EYELET;ID2.2,OD2.7,L3.1,NI+SN,BSP3-1/2H	S.N.A
....4	EL84	6042-000001	EYELET;ID2.2,OD2.7,L3.1,NI+SN,BSP3-1/2H	S.N.A
....4	EL85	6042-000001	EYELET;ID2.2,OD2.7,L3.1,NI+SN,BSP3-1/2H	S.N.A
....4	EL86	6042-000001	EYELET;ID2.2,OD2.7,L3.1,NI+SN,BSP3-1/2H	S.N.A
....4	EL87	6042-000001	EYELET;ID2.2,OD2.7,L3.1,NI+SN,BSP3-1/2H	S.N.A
....4	EL88	6042-000001	EYELET;ID2.2,OD2.7,L3.1,NI+SN,BSP3-1/2H	S.N.A
....4	EL89	6042-000001	EYELET;ID2.2,OD2.7,L3.1,NI+SN,BSP3-1/2H	S.N.A
....4	EL90	6042-000001	EYELET;ID2.2,OD2.7,L3.1,NI+SN,BSP3-1/2H	S.N.A
....4	EL91	6042-000001	EYELET;ID2.2,OD2.7,L3.1,NI+SN,BSP3-1/2H	S.N.A
....4	EL93	6042-000001	EYELET;ID2.2,OD2.7,L3.1,NI+SN,BSP3-1/2H	S.N.A
....4	GT501	AA60-40014A	PIN-GT,ASSY;AUTO	S.N.A
....4	GT502	AA60-40014A	PIN-GT,ASSY;AUTO	S.N.A
....4	GT504	AA60-40014A	PIN-GT,ASSY;AUTO	S.N.A
....4	PCB	AA41-00209B	PCB-CRT;-,-,1L,-,-,330x245x1.6T,KS4A,4A,	S.N.A
⚠ ..2	T0066	AA96-20109A	ASSY POWER CORD;-,CP2/NO(4.0),H/C400,KKP	S.N.A
...3		3811-000401	WIRE-PVC CU;BCWA,300V,ROLL,17/0.16mm,#22	S.N.A
...3	T0077	AA39-10006X	CBF POWER CORD;-,KKP419C,KLCE-2F,2.286MT	
...3		AA61-20284A	HOLDER;P-CORD,PP,-,-,-,BLK,VO,KE-002	S.N.A

ASSY ACCESSORY

Level	Loc. No.	Code No.	Description ; Specification	Remark
1	M0017	AA92-05183A	ASSY ACCESSORY;CS34Z4HF9X/FES,TURKEY,TUR	S.N.A
..2		6902-000009	BAG PE;HDPE,T0.03,L400,W240,TRP,8,2,PE M	S.N.A
..2	T0074	AA59-00143A	REMOCON;-,TM63,DREAM4,53,L/GRAY,TTX,E/X,	
...3	T0122	2802-000194	RESONATOR-CERAMIC;8MHz,1.0%,TP,8.5x4.5x5	
...3	T0119	AA09-00275A	IC MICOM;Z86L8808SSC-R51PX,SOP,ST,SZTM-8	
..2	T0563	AA68-02434A	MANUAL USERS;CS29Z4,TUR,W/P100G,KS4A,B5	
..2		AA68-02707A	MANUAL-S/NETWORK;PS42P2ST,TURKEY,B5,S/NE	S.N.A
..2	1	AA68-00509B	CARD WARRANTY;TURKY ALL MODEL,TUR,A/T120	S.N.A
..2	T0563	AA68-01464A	MANUAL USERS;,ENG,52P,W/P100(G),1,B5,KS4	S.N.A

ASSY P/MATERIAL

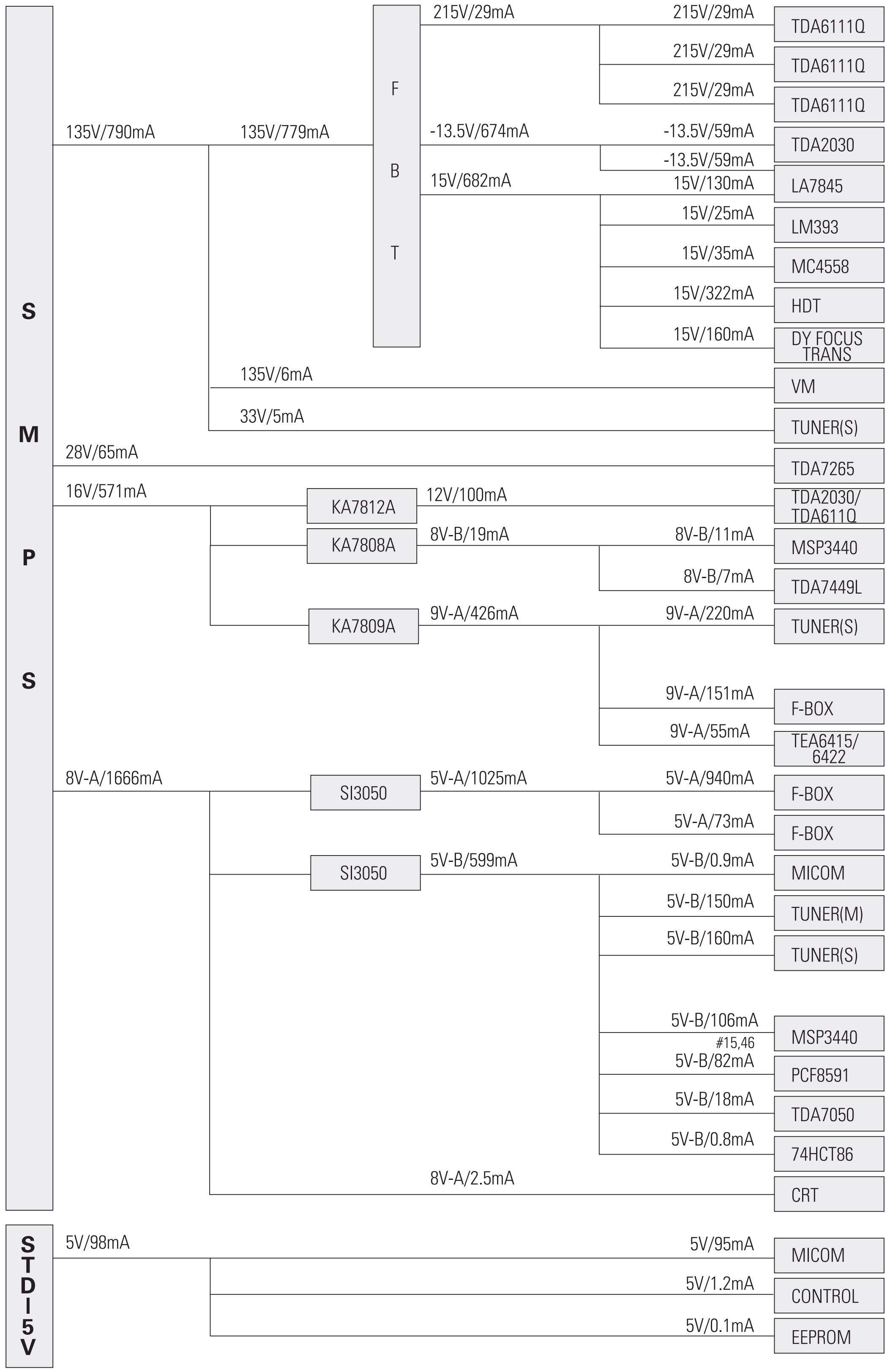
Level	Loc. No.	Code No.	Description ; Specification	Remark
1		AA92-05373A	ASSY P/MATERIAL;CT-34Z6HR	S.N.A
..2		AA60-40006A	PIN-STAPLE;AUTO,33X17.8X2.4,H18,33X17.8X	S.N.A
..2		AA63-10007C	BAND-PP;W18,CLEA,1G	S.N.A
..2		6902-000061	BAG AIR;LDPE,T0.2,L1000,W500,TRP,,,	S.N.A
..2		6902-000001	BAG AIR;LDPE,T0.2,L1800,W1000,TRP,,,LDPE	S.N.A
..2		6902-000008	BAG PE;HDPE/NITRON/HDPE,T0.015/T0.5/T0.0	S.N.A

ASSY COVER REAR

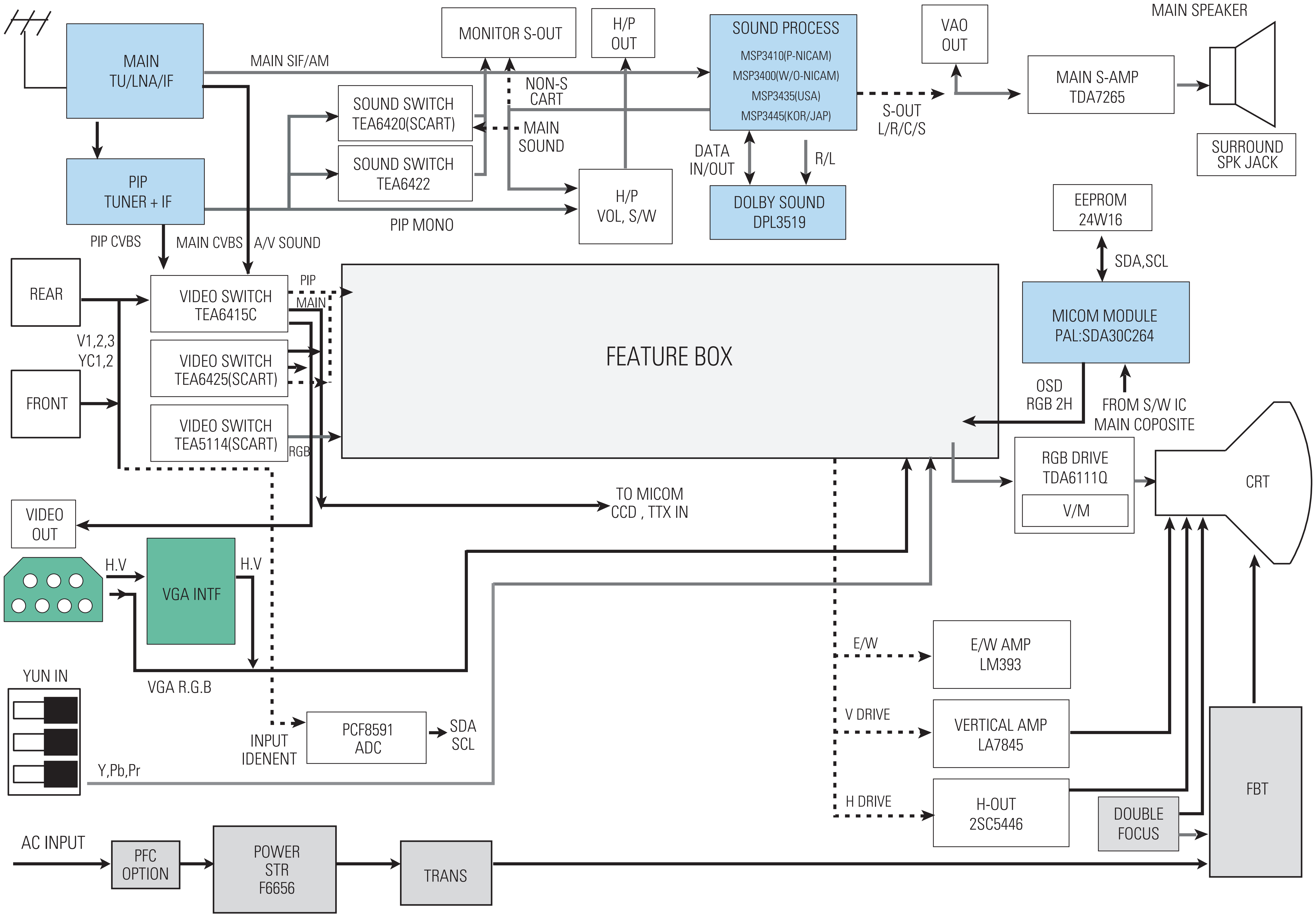
Level	Loc. No.	Code No.	Description ; Specification	Remark
1	M0002	AA90-03250K	ASSY COVER REAR;34Z6,FV2	S.N.A
..2	T0015	AA64-02749H	CABINET BACK;34Z6,HIPS,FV2,GR503,SV012P+	
..2		AA65-30008A	CLAMPER CORE-CORD;-,PE,HB,-,BLK,-	S.N.A

7. Block Diagrams

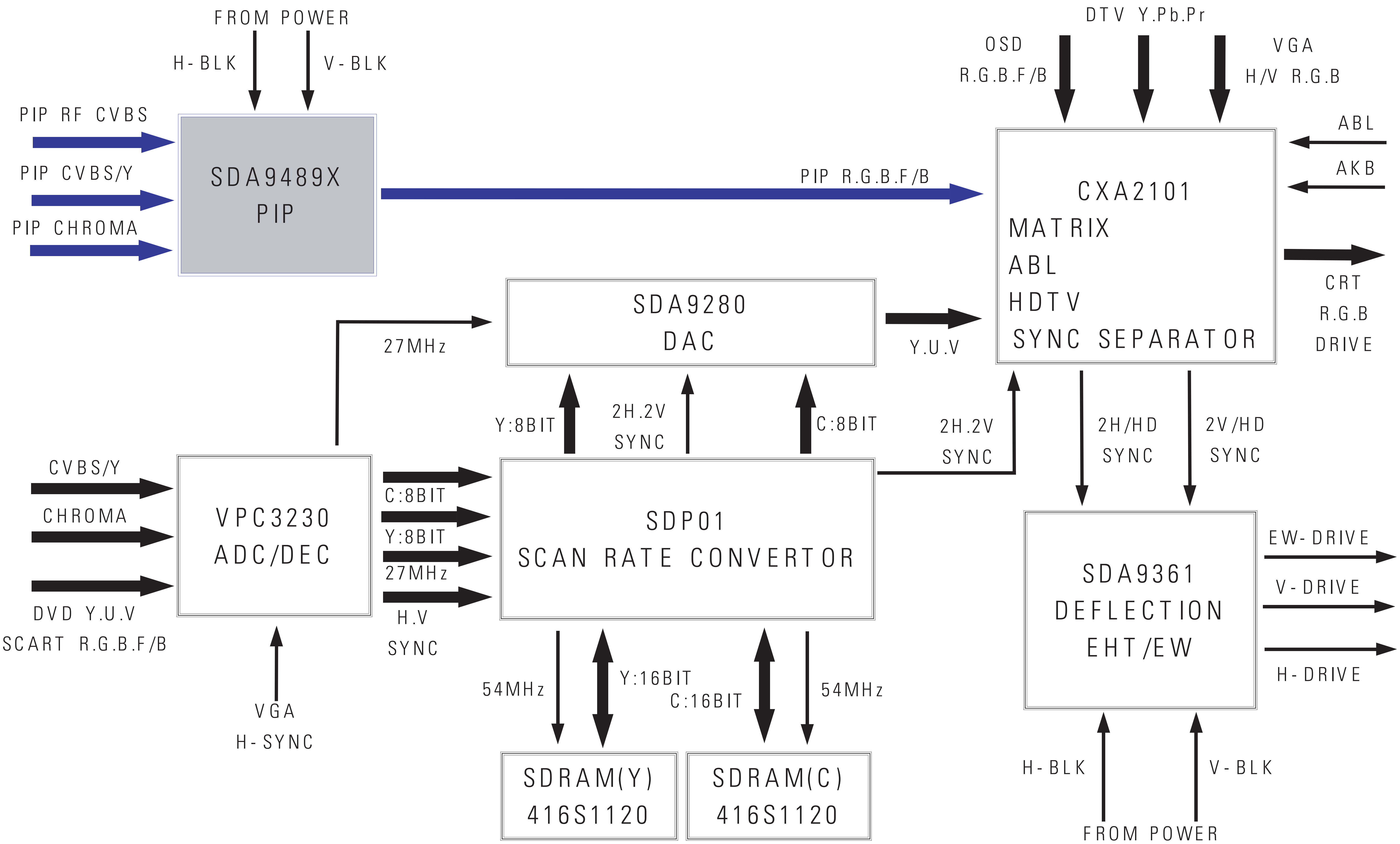
7-1 Voltage/Current Block



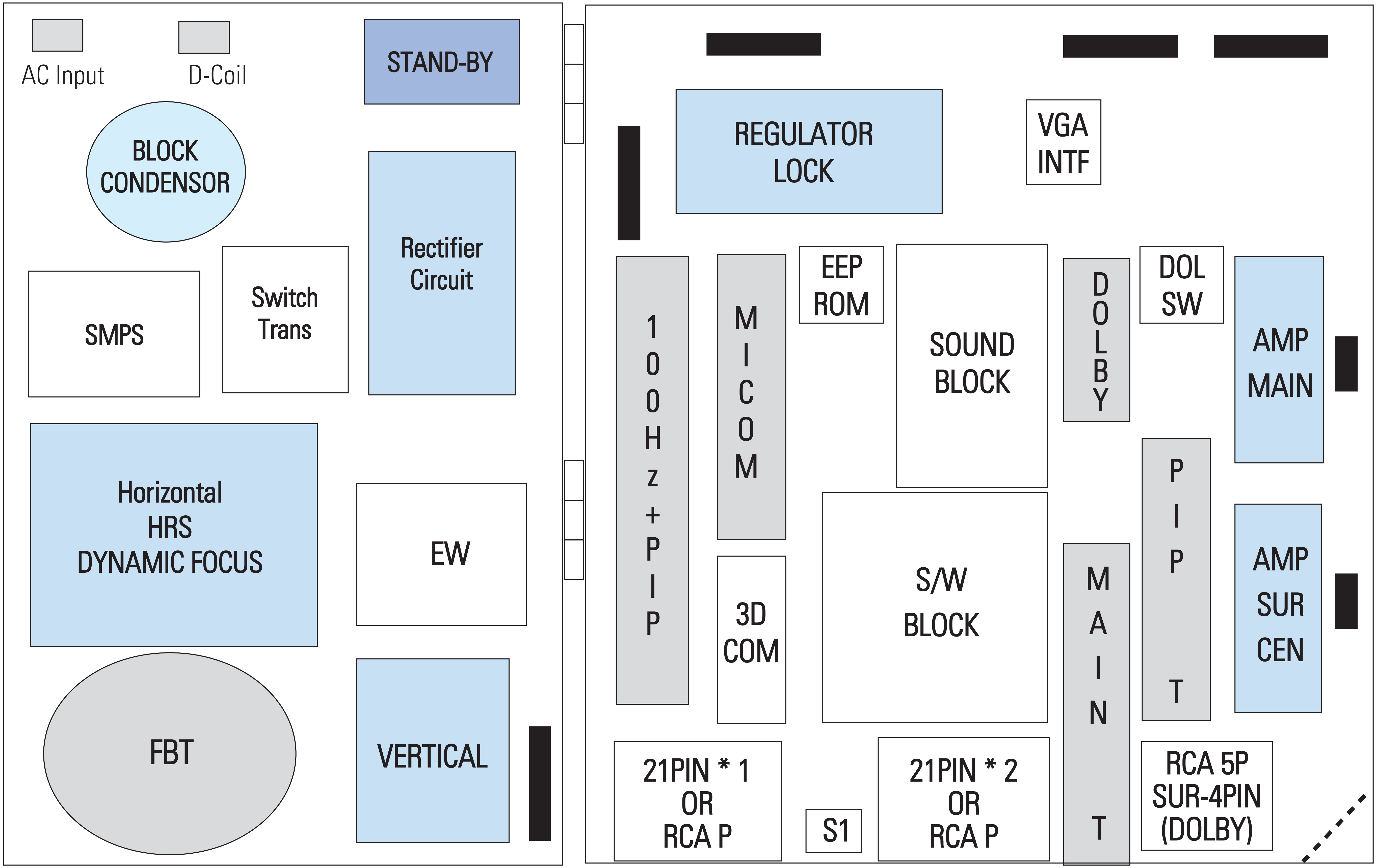
7-2 BLOCK


MAIN TU/LNA/IF
MAIN SIF/AM
MONITOR S-OUT
H/P OUT
SOUND PROCESS
MSP3410(P-NICAM)
MSP3400(W/O-NICAM)
MSP3435(USA)
MSP3445(KOR/JAP)
VAO OUT
MAIN SPEAKER
MAIN S-AMP TDA7265
SURROUND SPK JACK
SOUND SWITCH TEA6420(SCART)
SOUND SWITCH TEA6422
NON-S CART
MAIN SOUND
S-OUT L/R/C/S
DATA IN/OUT
R/L
DOLBY SOUND DPL3519
H/P VOL, S/W
PIP TUNER + IF
PIP MONO
PIP CVBS
MAIN CVBS
A/V SOUND
EEPROM 24W16
SDA,SCL
REAR
VIDEO SWITCH TEA6415C
PIP
MAIN
VIDEO SWITCH TEA6425(SCART)
VIDEO SWITCH TEA5114(SCART)
RGB
V1,2,3
YC1,2
FRONT
FEATURE BOX
MICOM MODULE PAL:SDA30C264
OSD RGB 2H
FROM S/W IC MAIN COPOSITE
RGB DRIVE TDA6111Q
V/M
CRT
TO MICOM CCD , TTX IN
VIDEO OUT
H.V
VGA INTF
H.V
VGA R.G.B
YUN IN
Y,Pb,Pr
INPUT IDENENT
PCF8591 ADC
SDA SCL
E/W
E/W AMP LM393
V DRIVE
VERTICAL AMP LA7845
H DRIVE
H-OUT 2SC5446
DOUBLE FOCUS
FBT
AC INPUT
PFC OPTION
POWER STR F6656
TRANS

7-3 FEATURE BOX

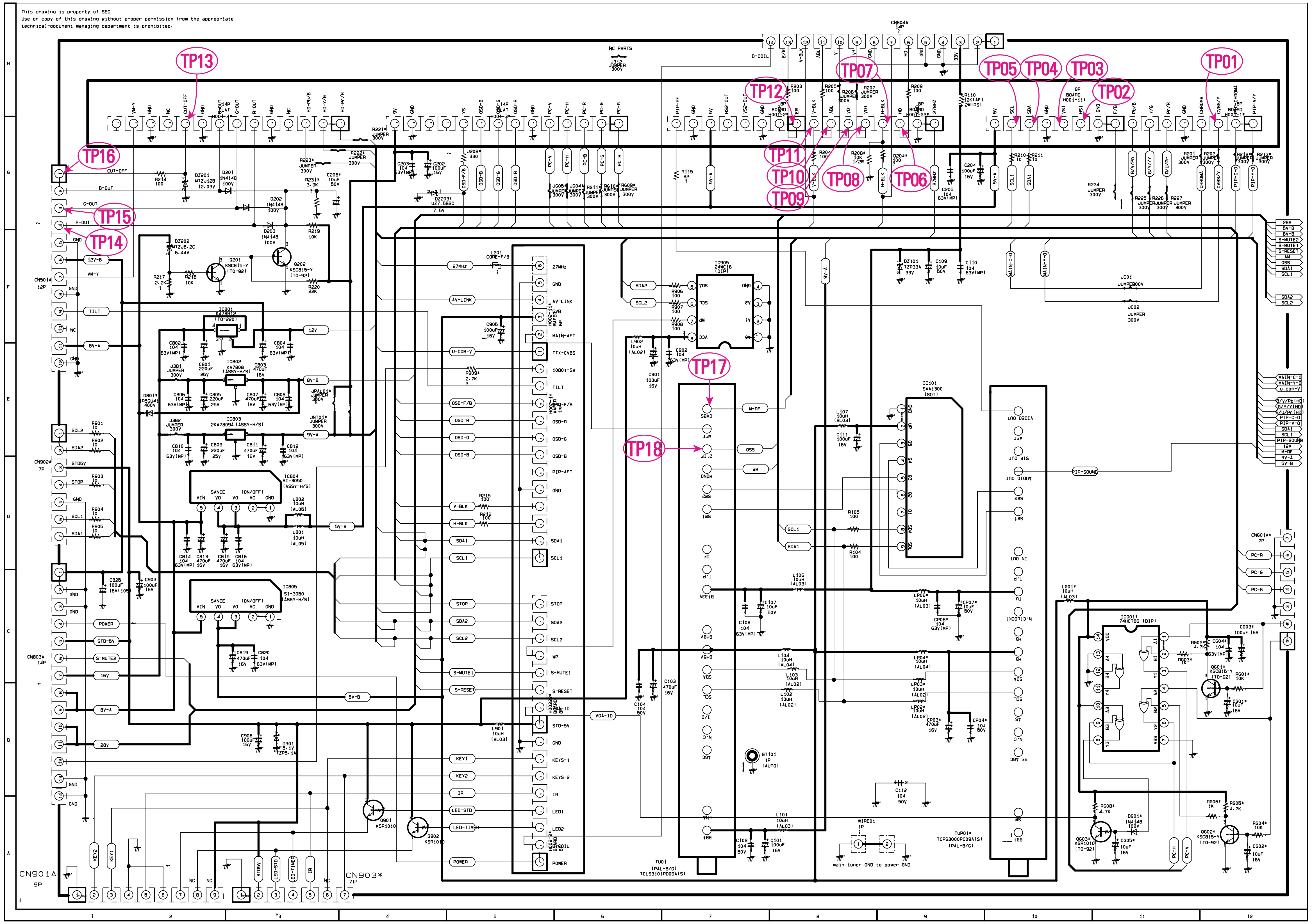


7-4 PCB LAYOUT



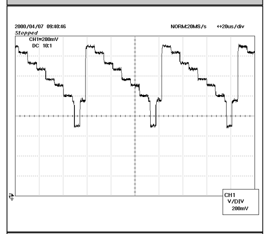
8. Schematic Diagrams

8-1 MAIN_RCA(1/3)

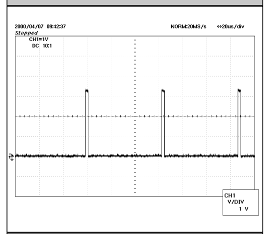


8-1-1 MAIN_RCA(1/3) WAVEFORMS

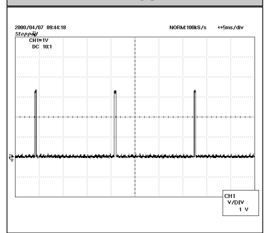
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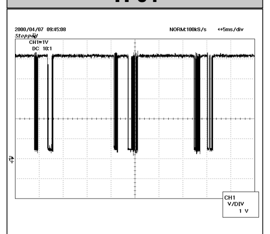
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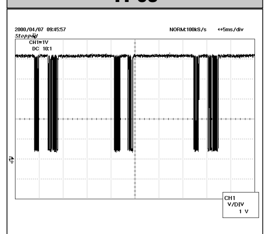
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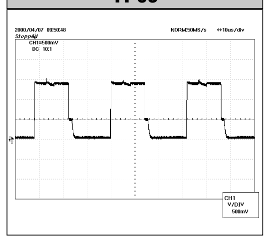
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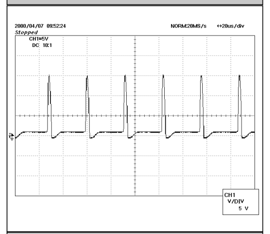
TP05



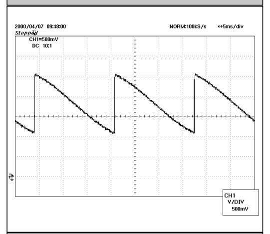
TP06



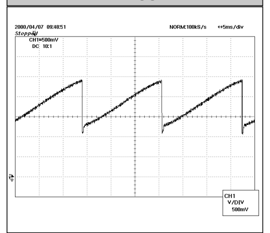
TP07



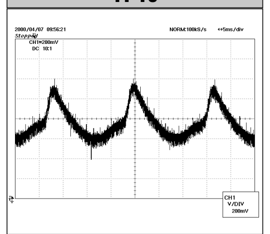
TP08



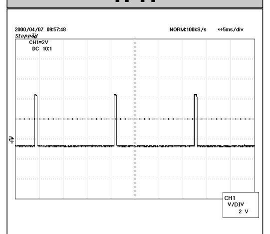
TP09



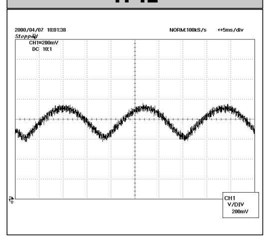
TP10



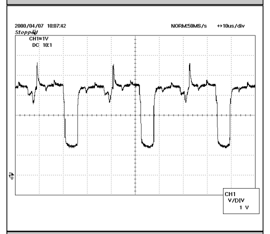
TP11



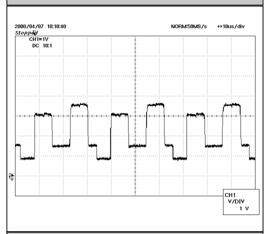
TP12



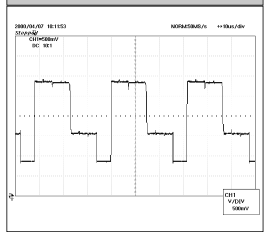
TP13



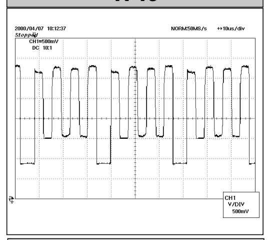
TP14



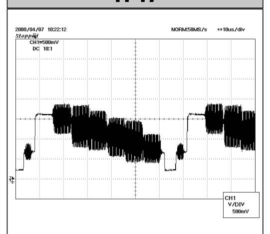
TP15



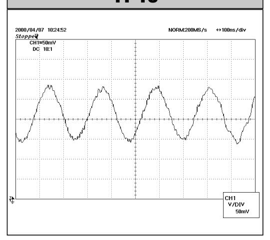
TP16



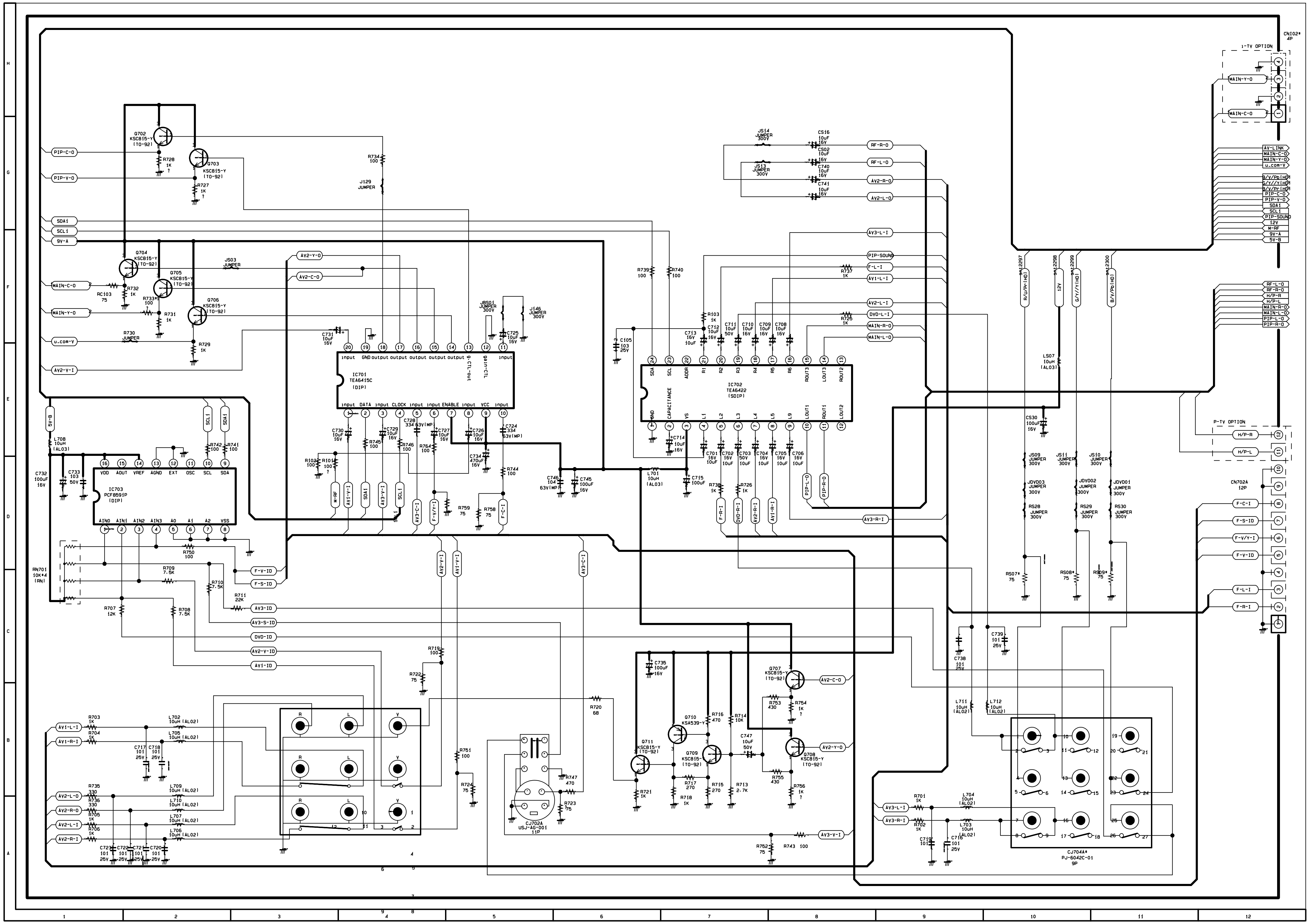
TP17



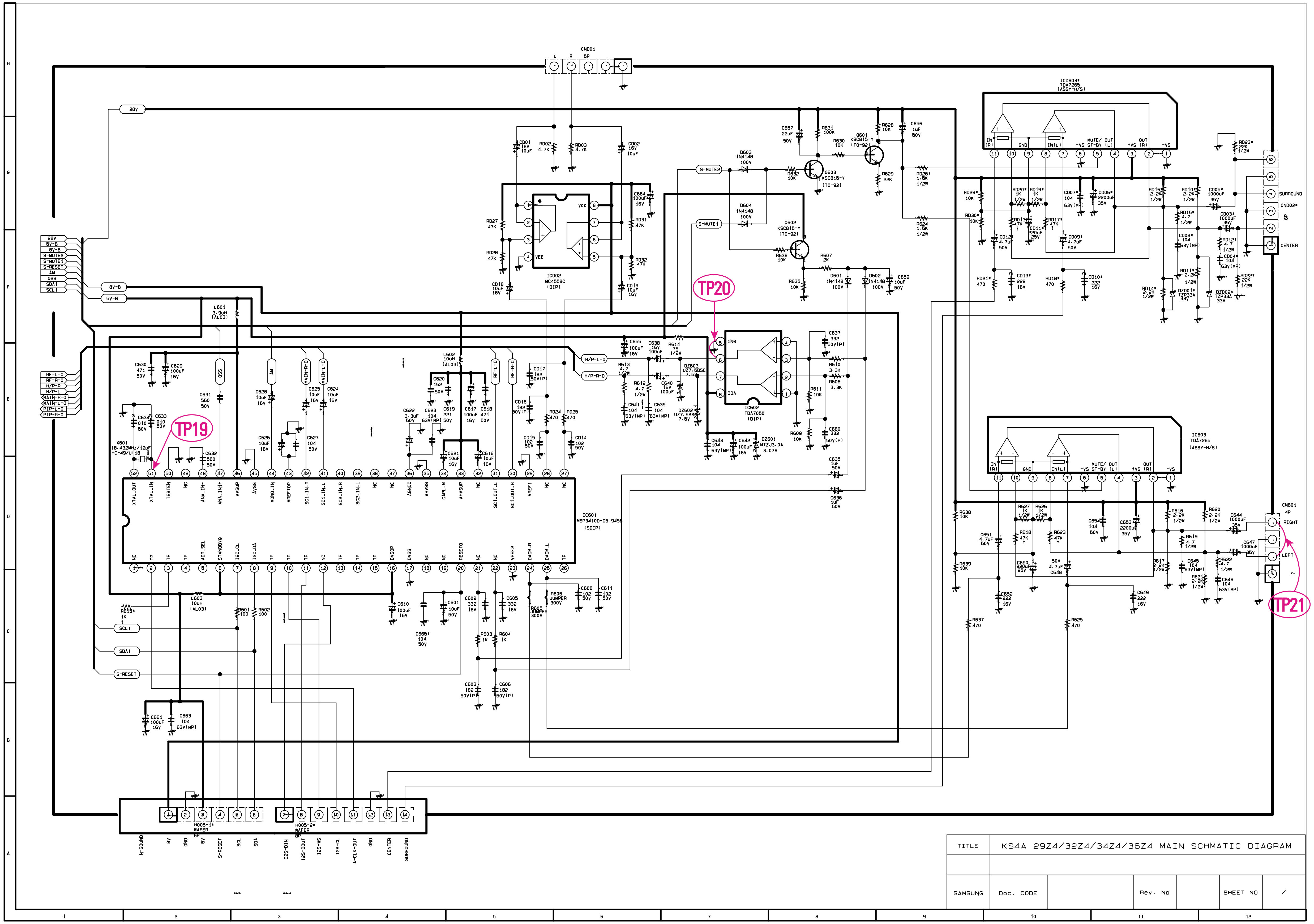
TP18



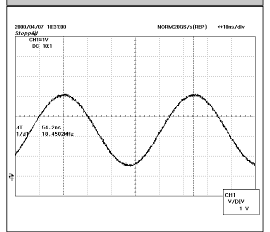
8-2 MAIN_RCA(2/3)



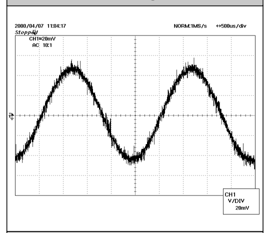
8-3 MAIN_RCA(3/3)



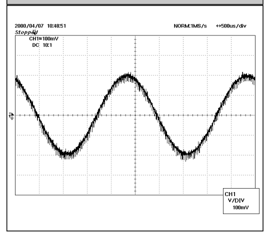
TP19



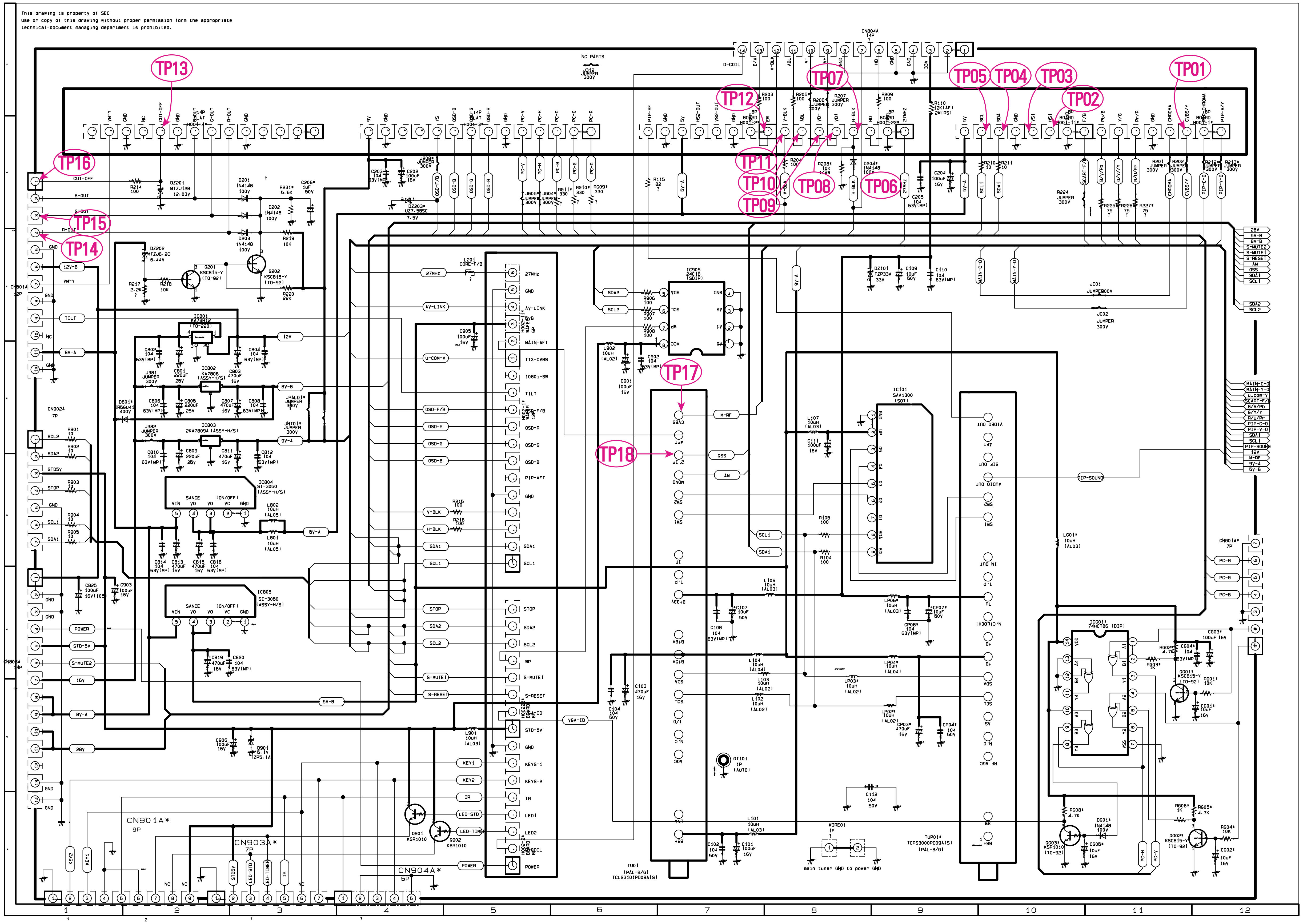
TP20



TP21

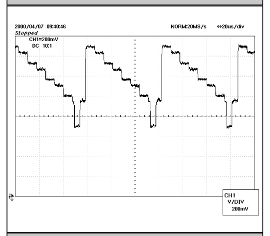


8-4 MAIN_SCART(1/3)

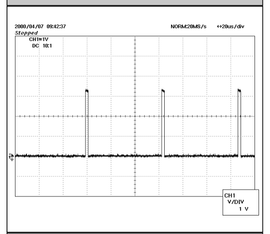


8-4-1 MAIN_SCART(1/3) WAVEFORMS

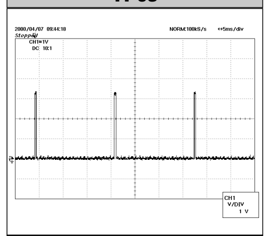
TP01



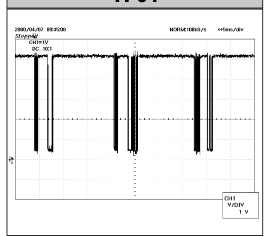
TP02



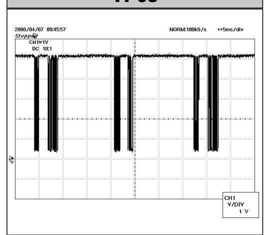
TP03



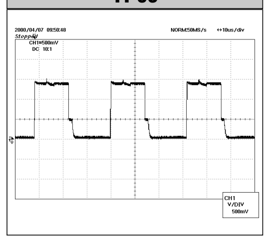
TP04



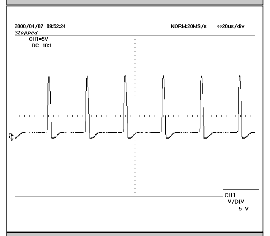
TP05



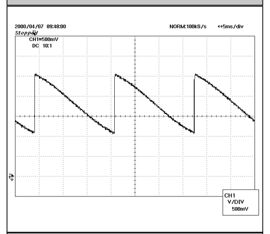
TP06



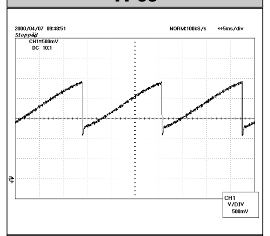
TP07



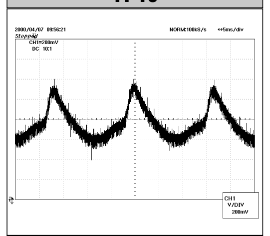
TP08



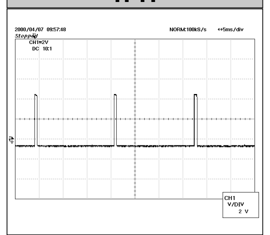
TP09



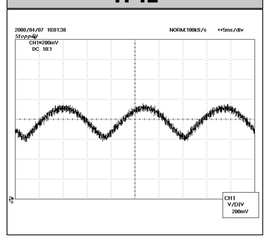
TP10



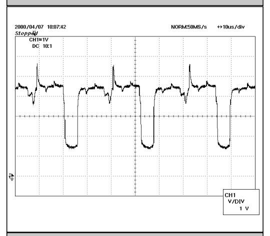
TP11



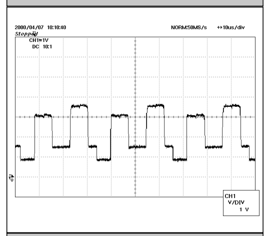
TP12



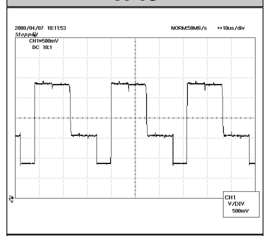
TP13



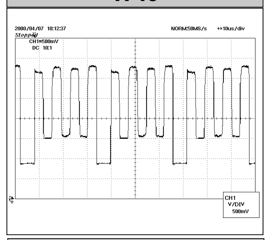
TP14



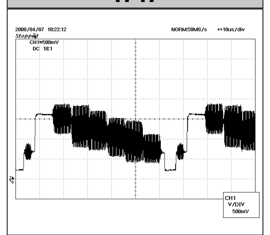
TP15



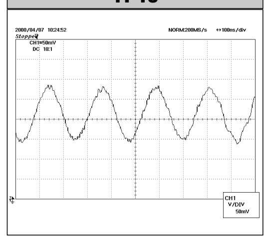
TP16



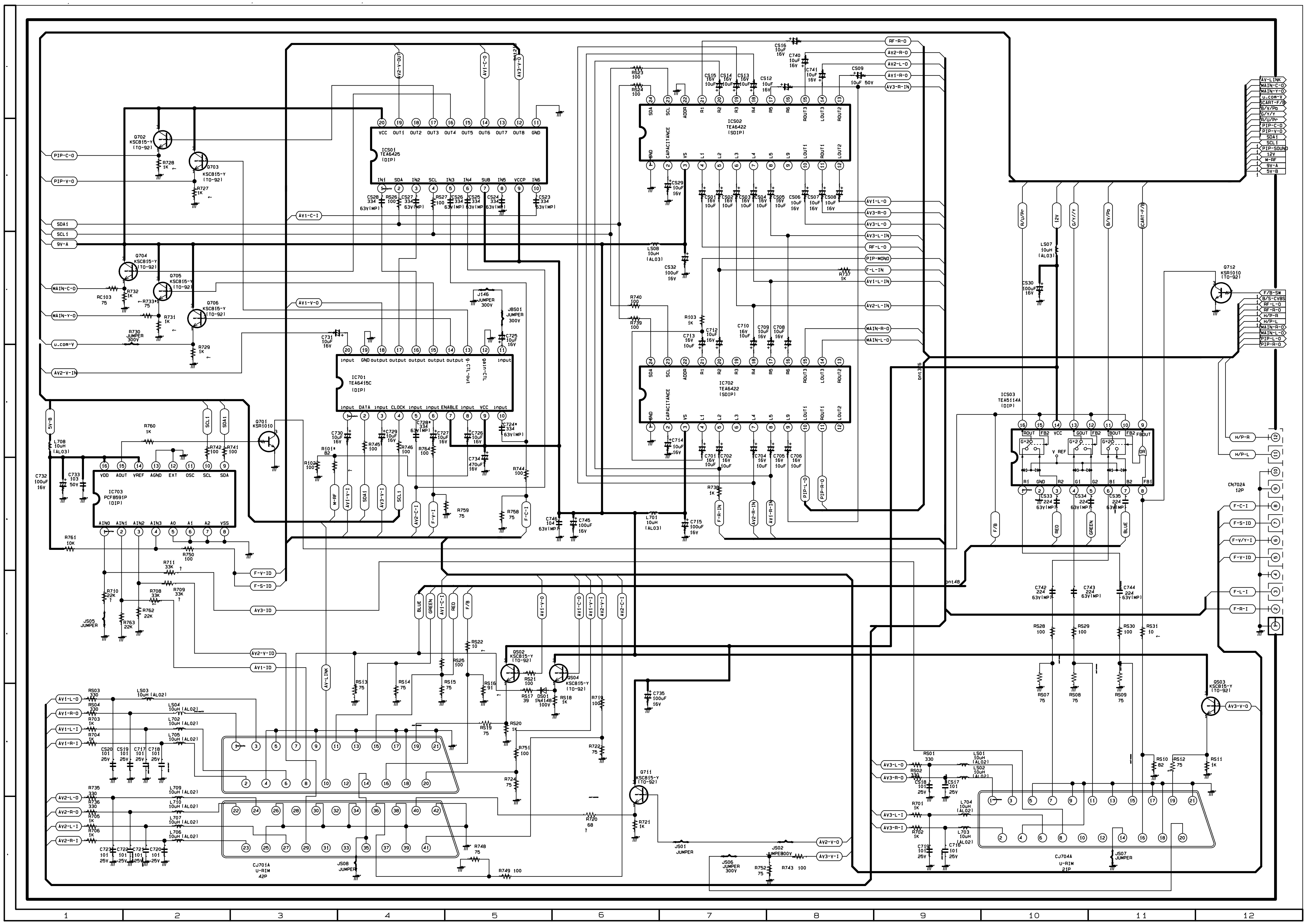
TP17



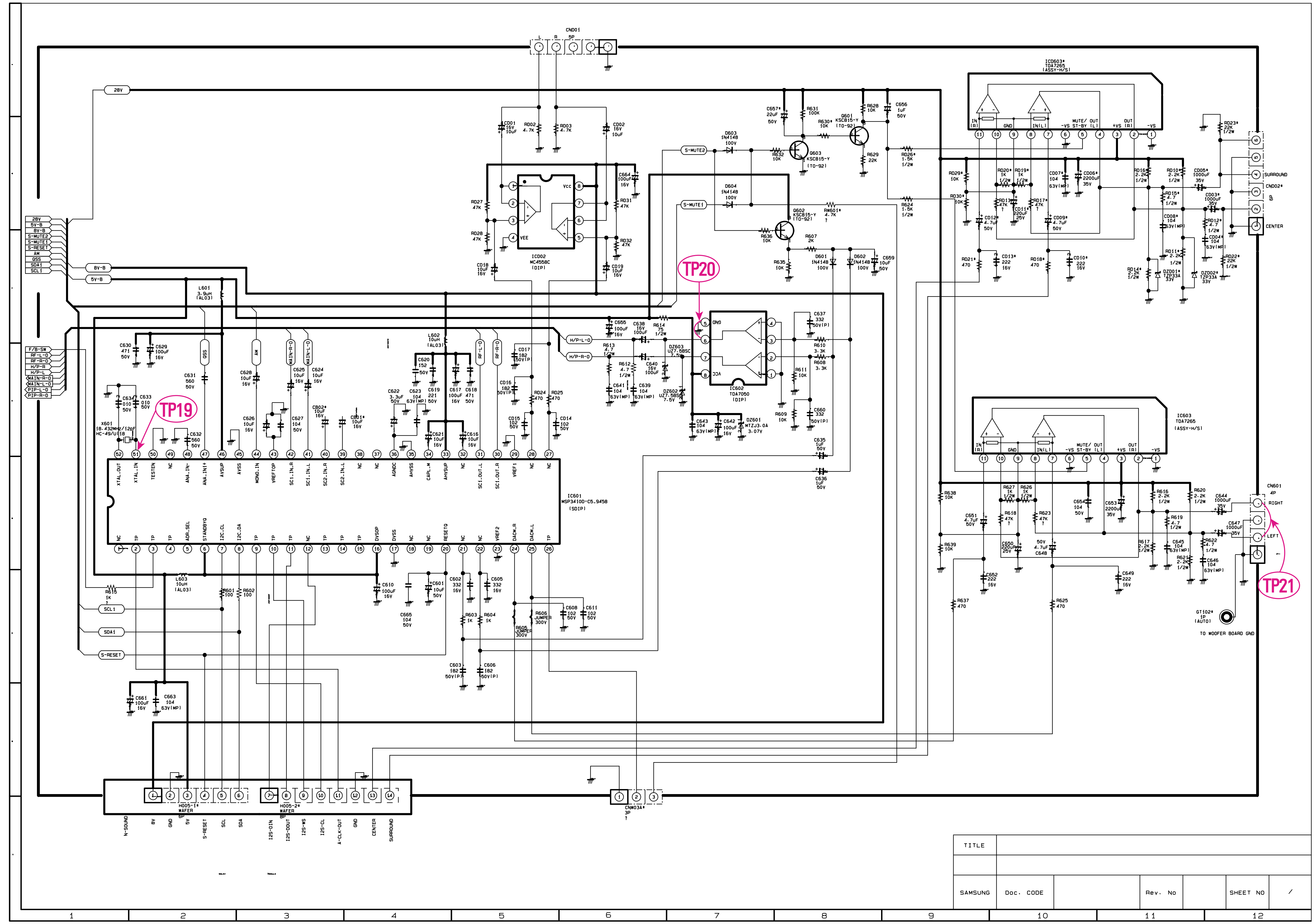
TP18



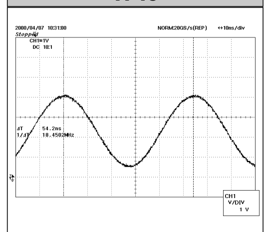
8-5 MAIN_SCART(2/3)



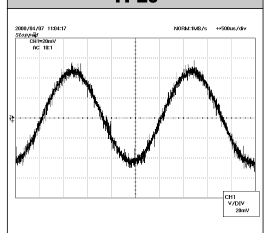
8-6 MAIN_SCART(3/3)



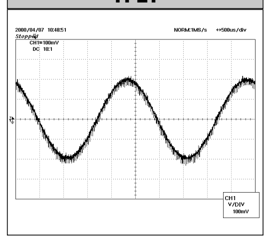
TP19



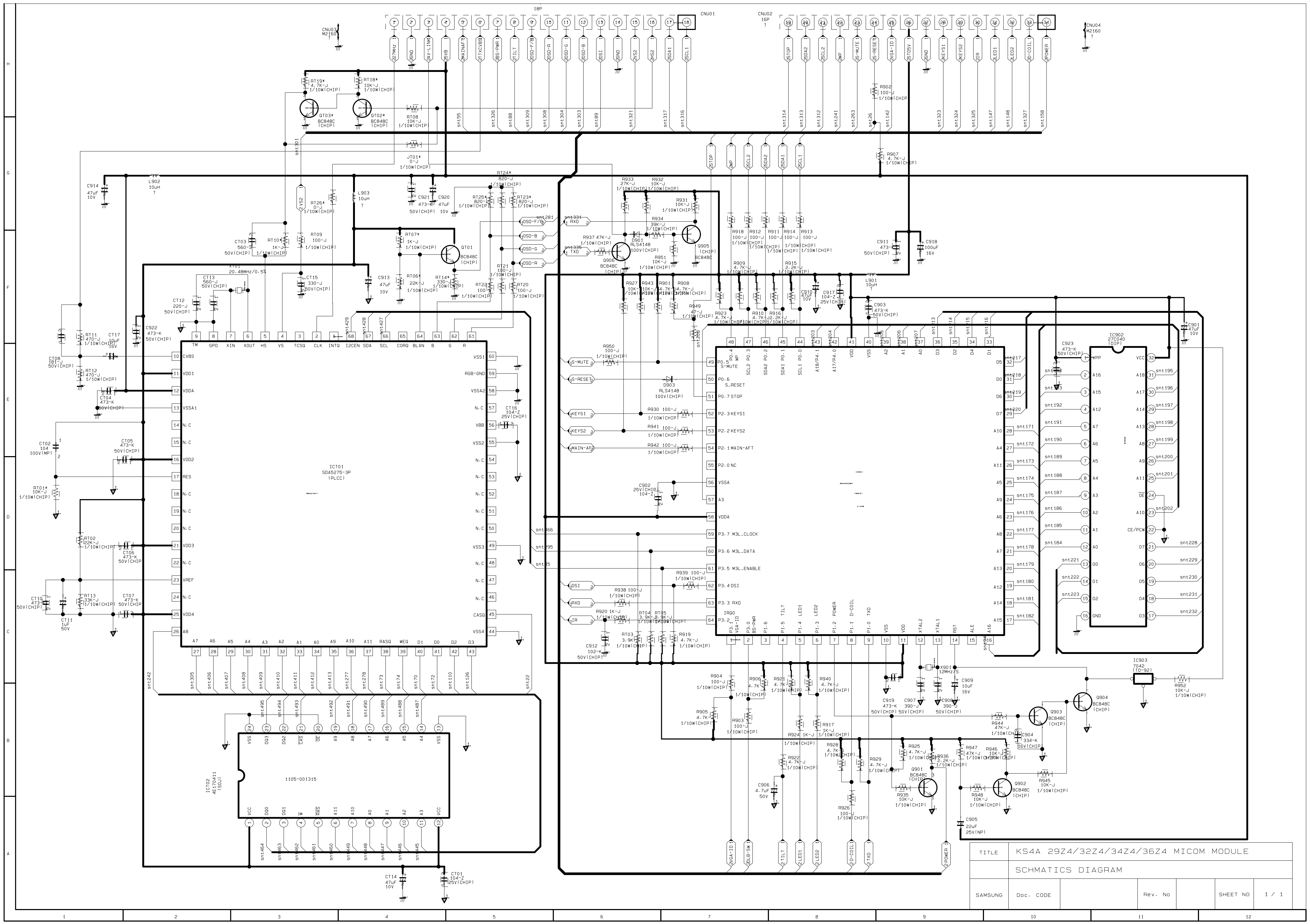
TP20



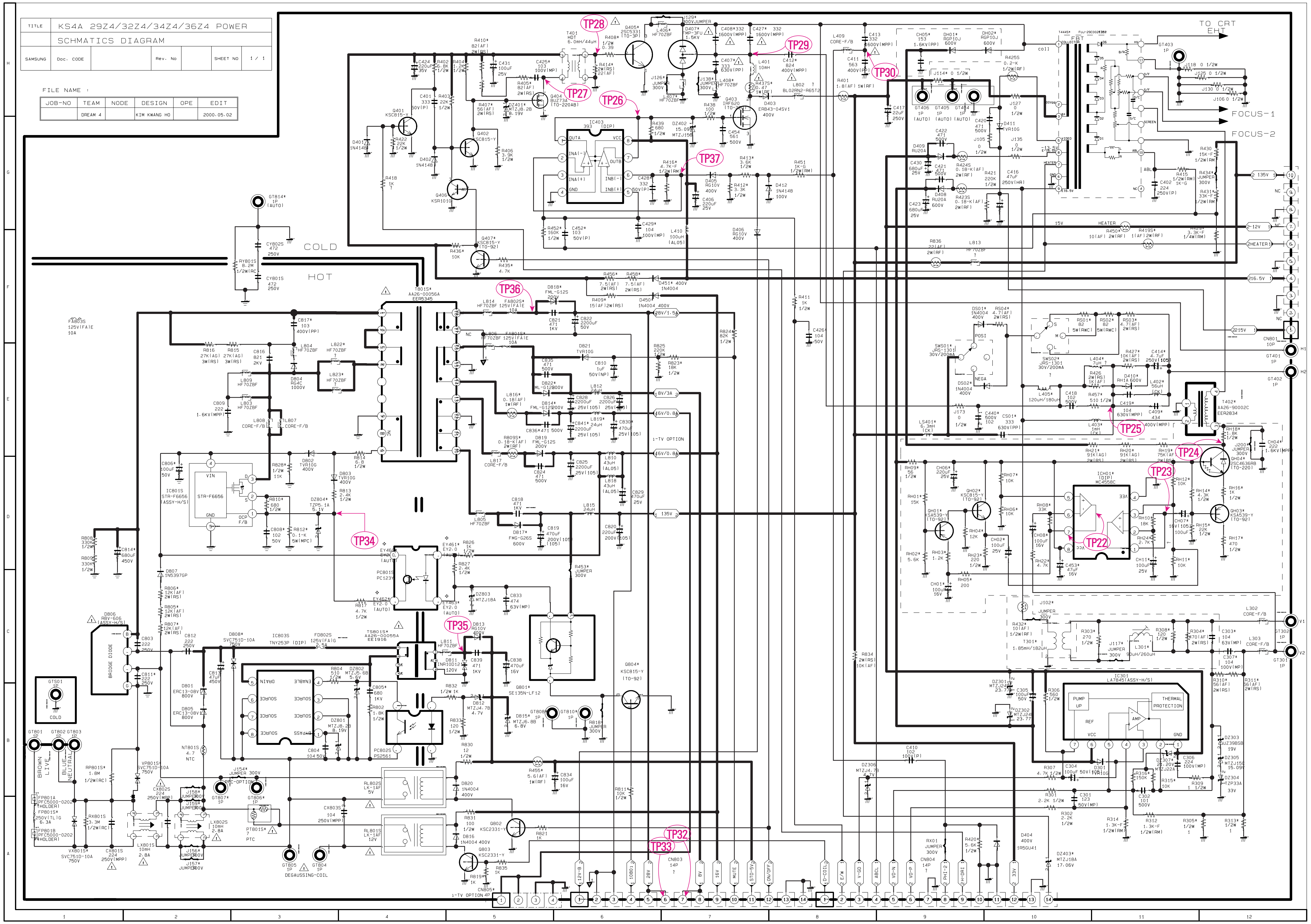
TP21



8-7 MICOM

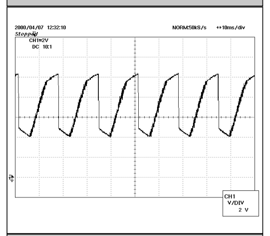

KS4A 29Z4/32Z4/34Z4/36Z4 MICOM MODULE
SCHMATICS DIAGRAM
ICT01 SDA5275-3P (PLCC)
IC902 27C040 (DIP)
IC903 7042 (TO-92)

8-8 POWER

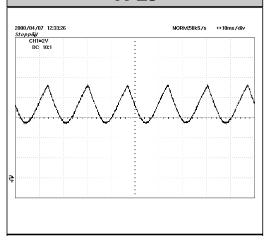

KS4A 29Z4/32Z4/34Z4/36Z4 POWER
SCHMATICS DIAGRAM
COLD
HOT
TO CRT EHT
FOCUS-1
FOCUS-2
TP22
TP23
TP24
TP25
TP26
TP27
TP28
TP29
TP30
TP32
TP33
TP34
TP35
TP36
TP37

8-8-1 POWER WAVEFORMS

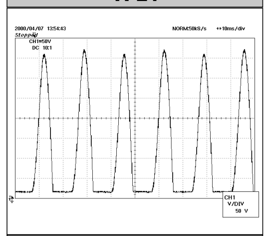
TP22



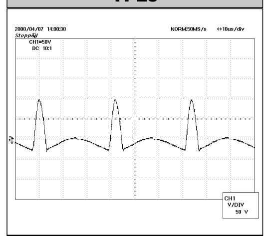
TP23



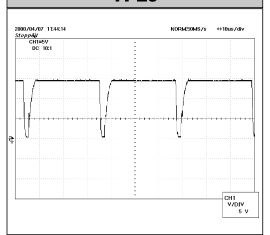
TP24



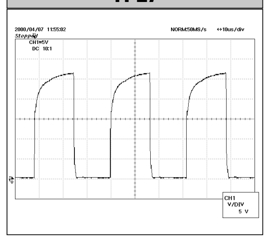
TP25



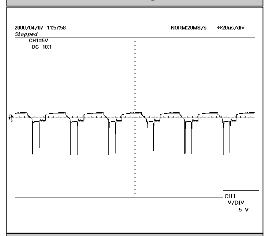
TP26



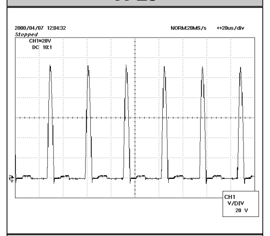
TP27



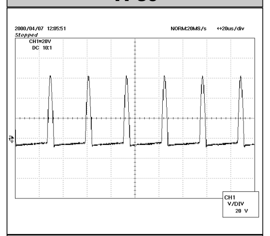
TP28



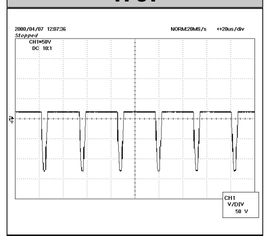
TP29



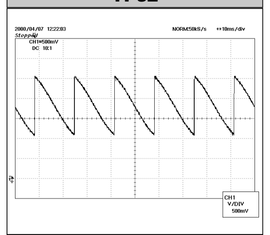
TP30



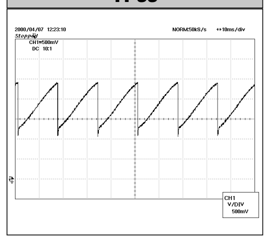
TP31



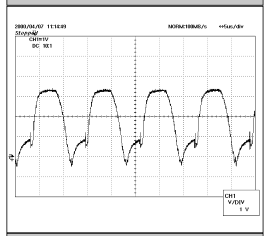
TP32



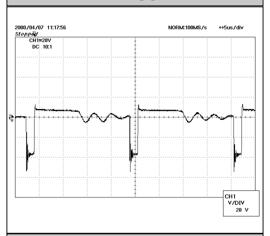
TP33



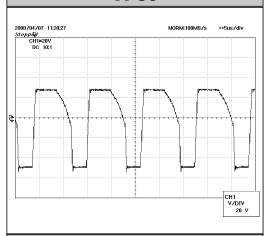
TP34



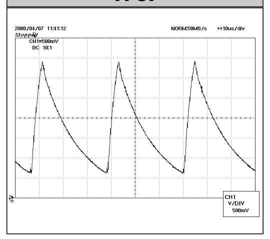
TP35



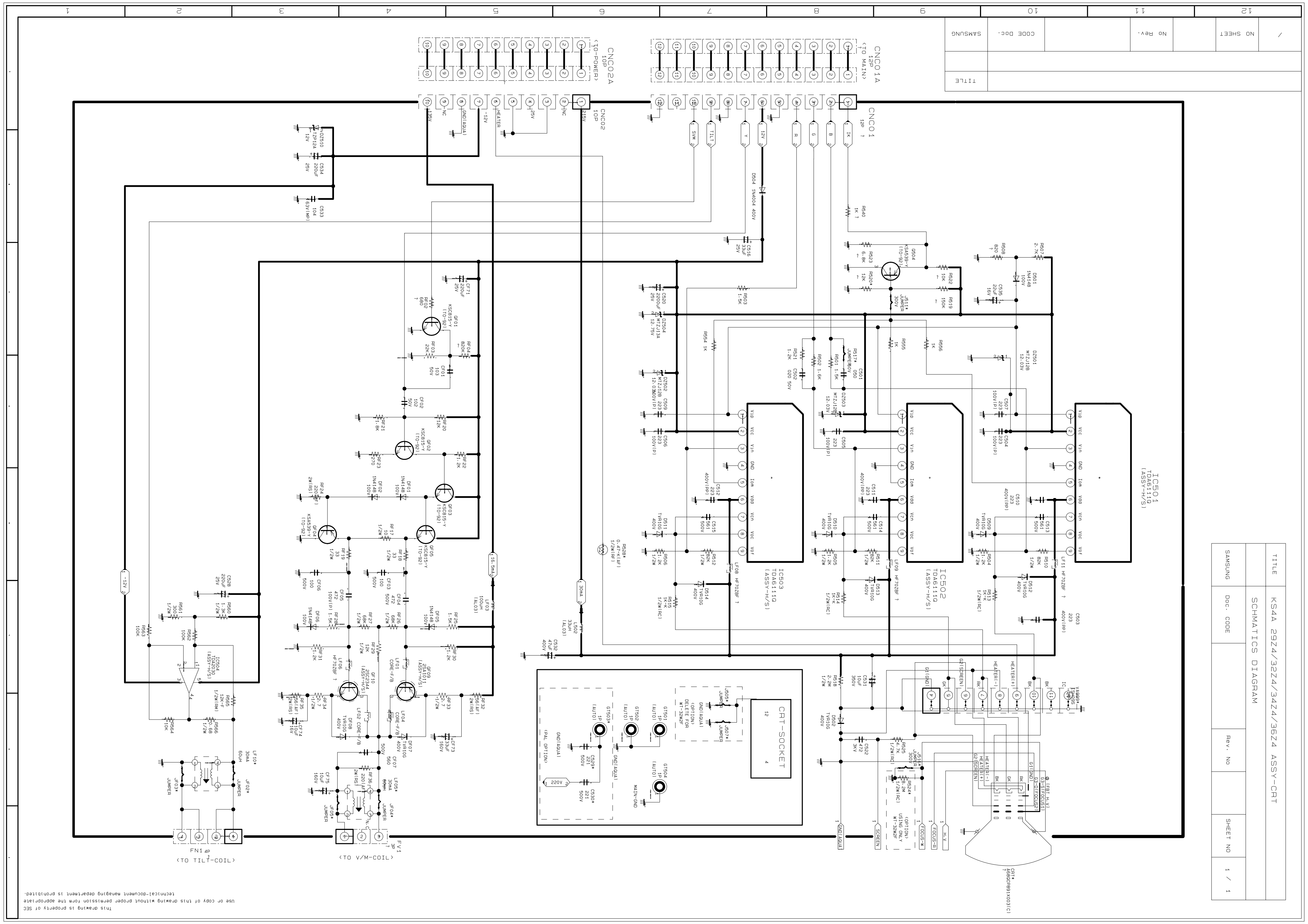
TP36



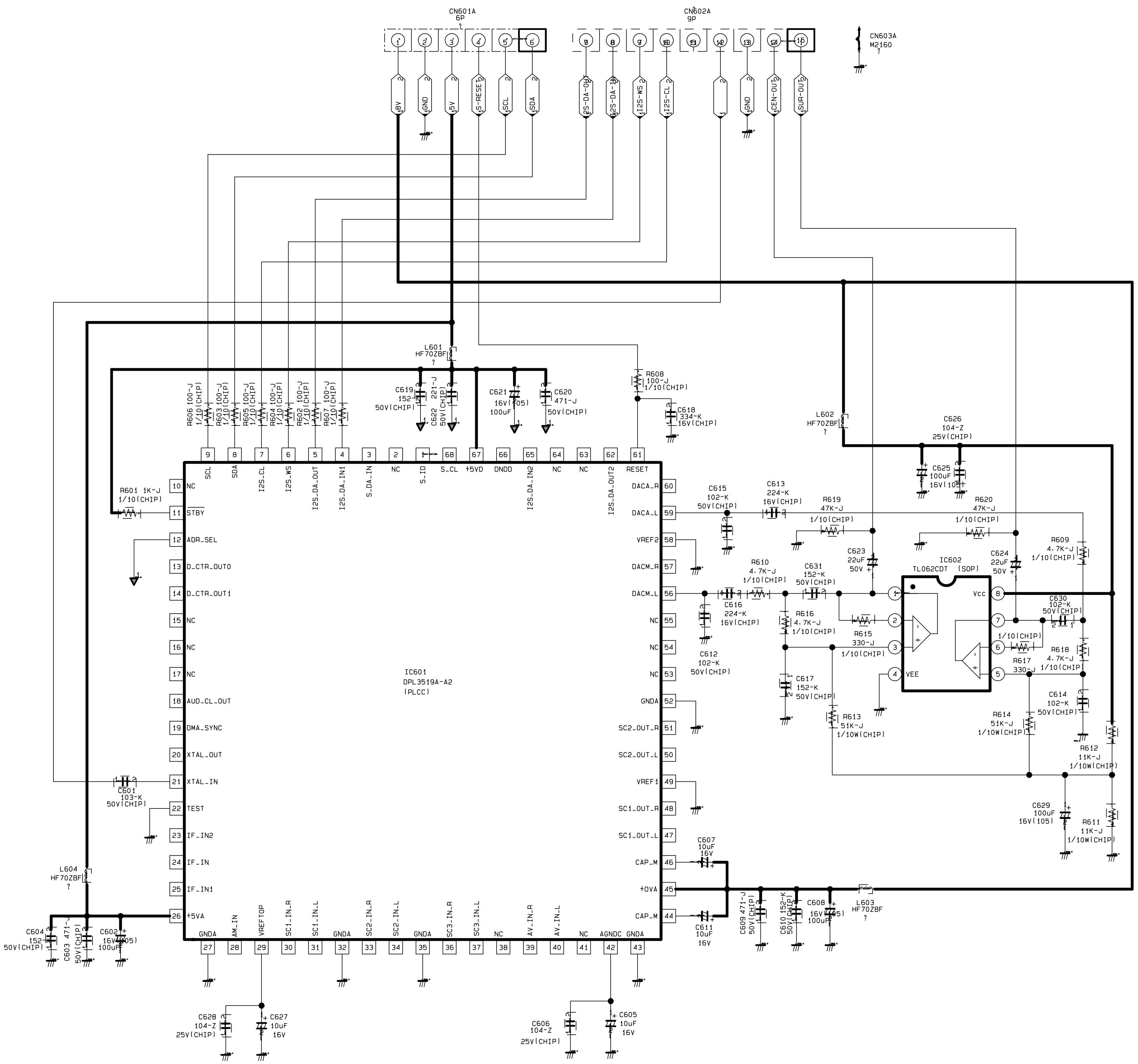
TP37



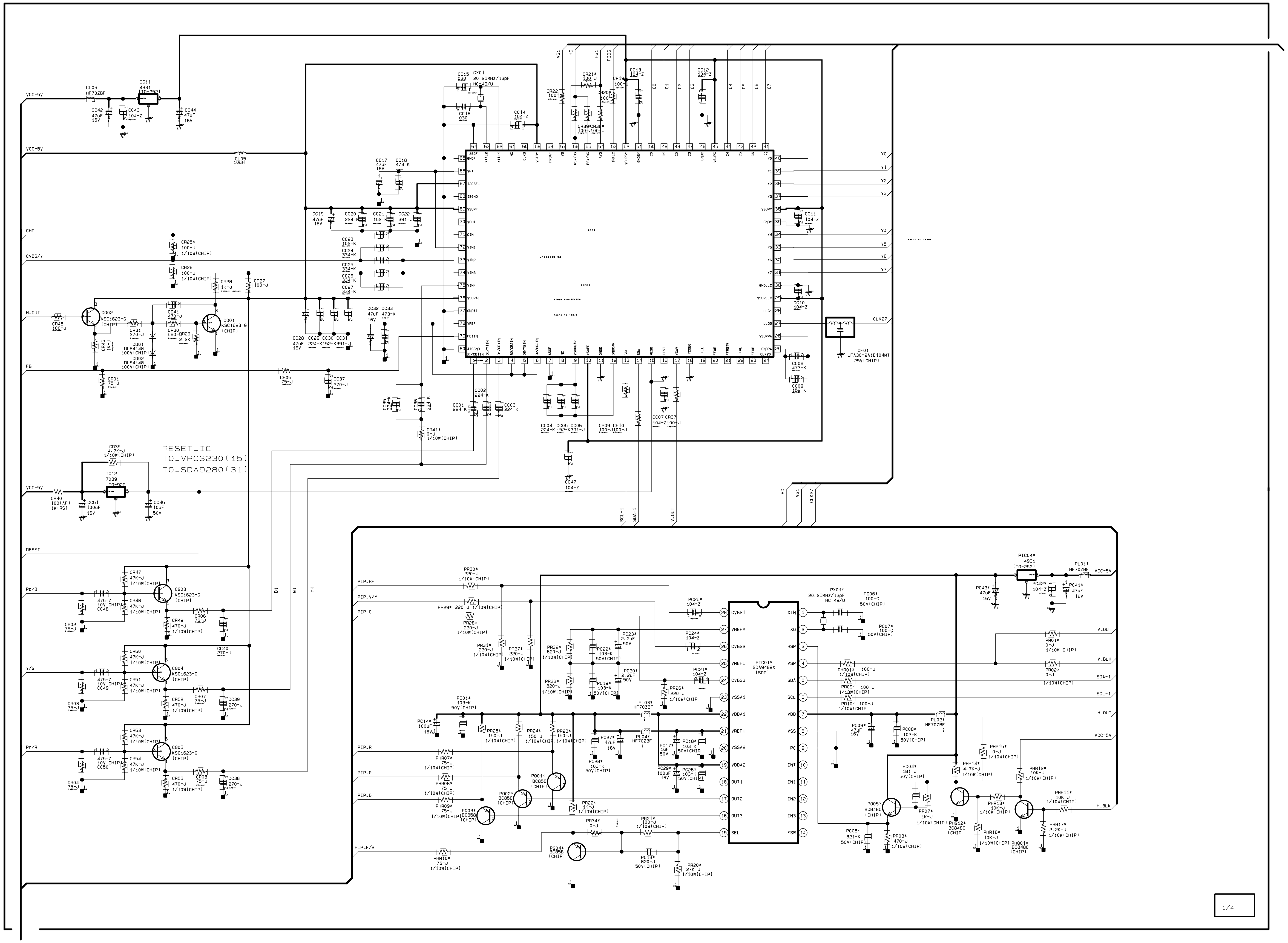
8-9 CRT


KS4A 29Z4/32Z4/34Z4/36Z4 ASSY-CRT
SCHMATICS DIAGRAM
CRT-SOCKET
CN001
CN002

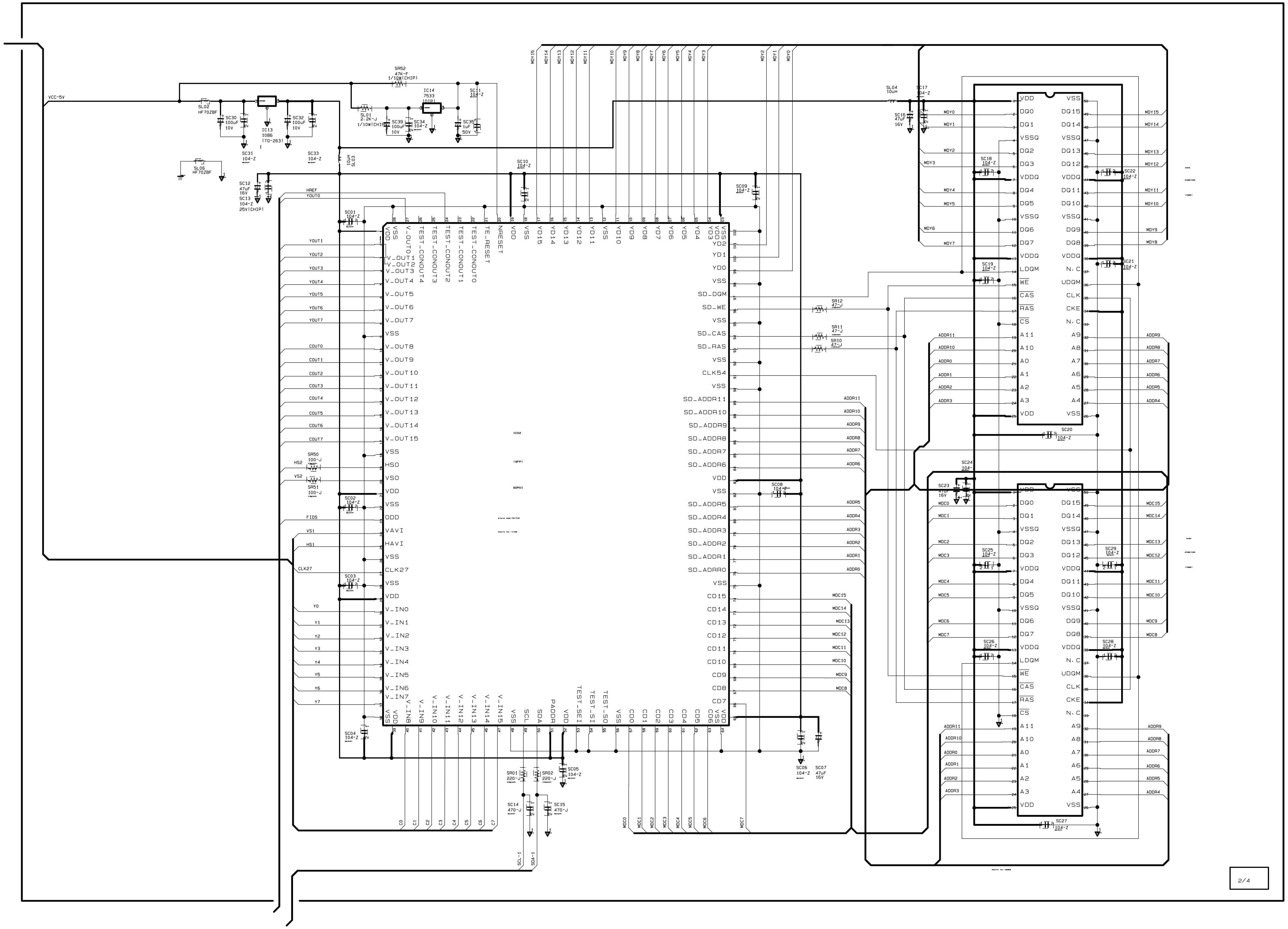
8-10 DOLBY



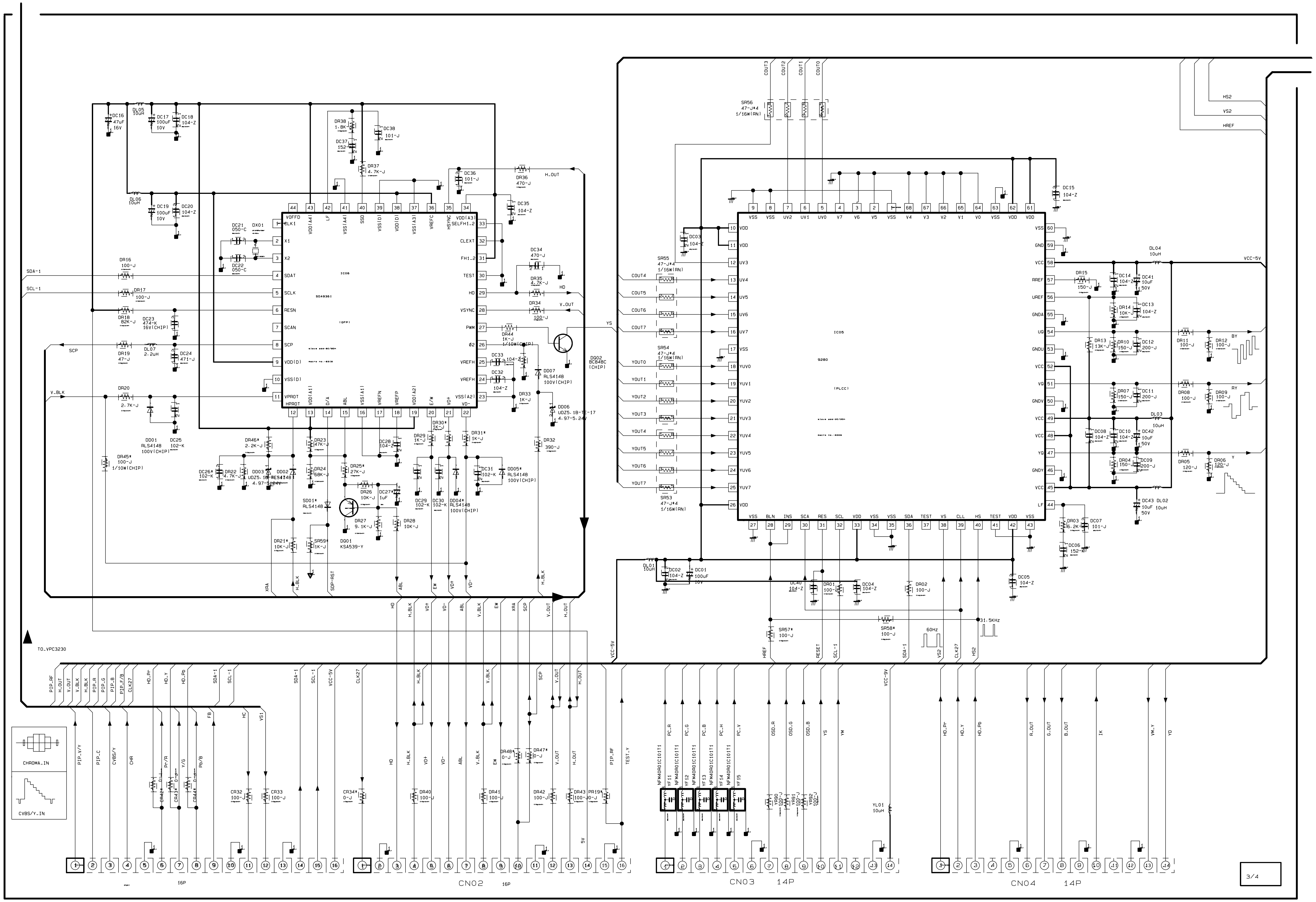
8-11 F-BOX (1/4)



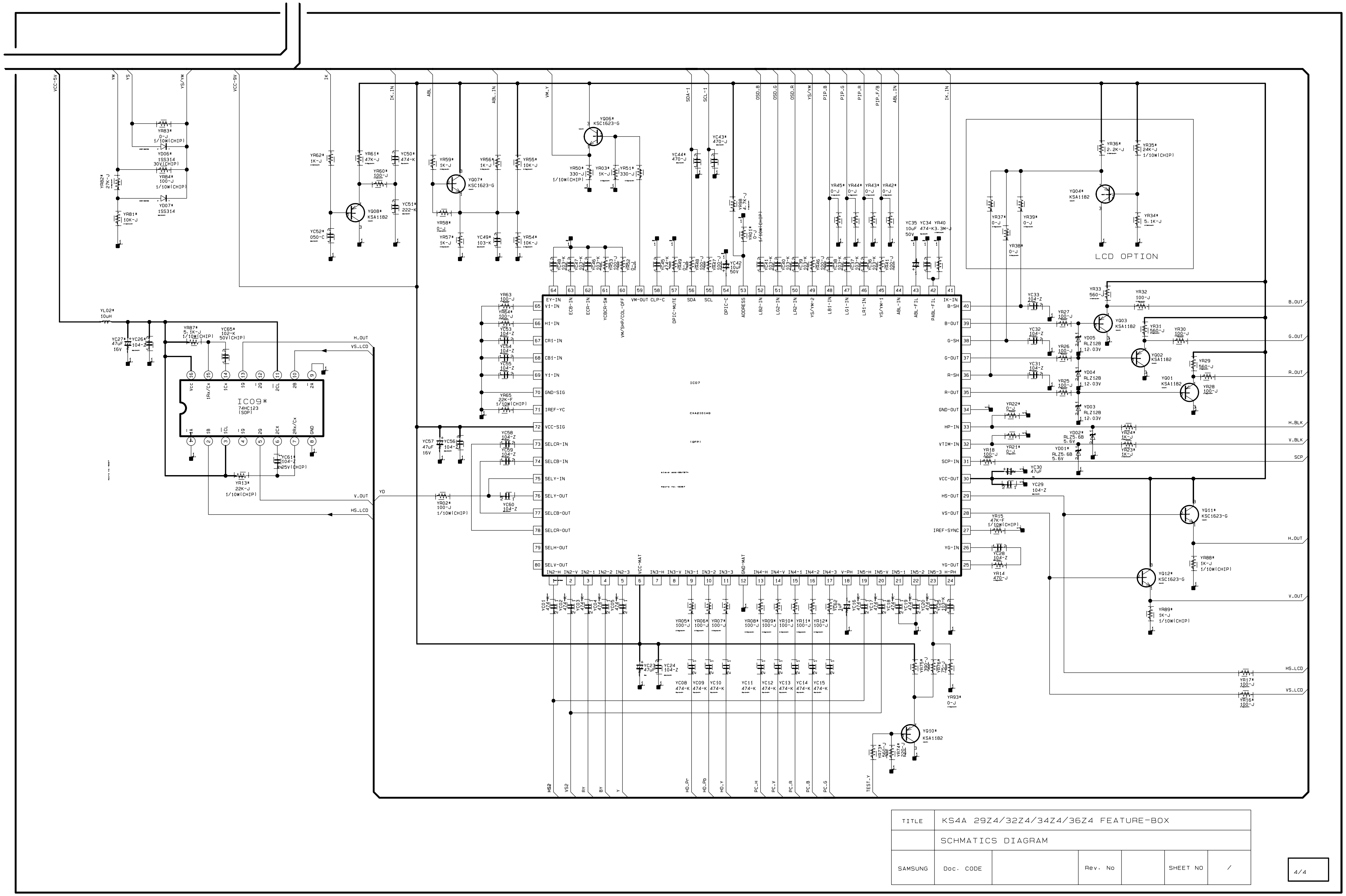
8-12 F-BOX(2/4)



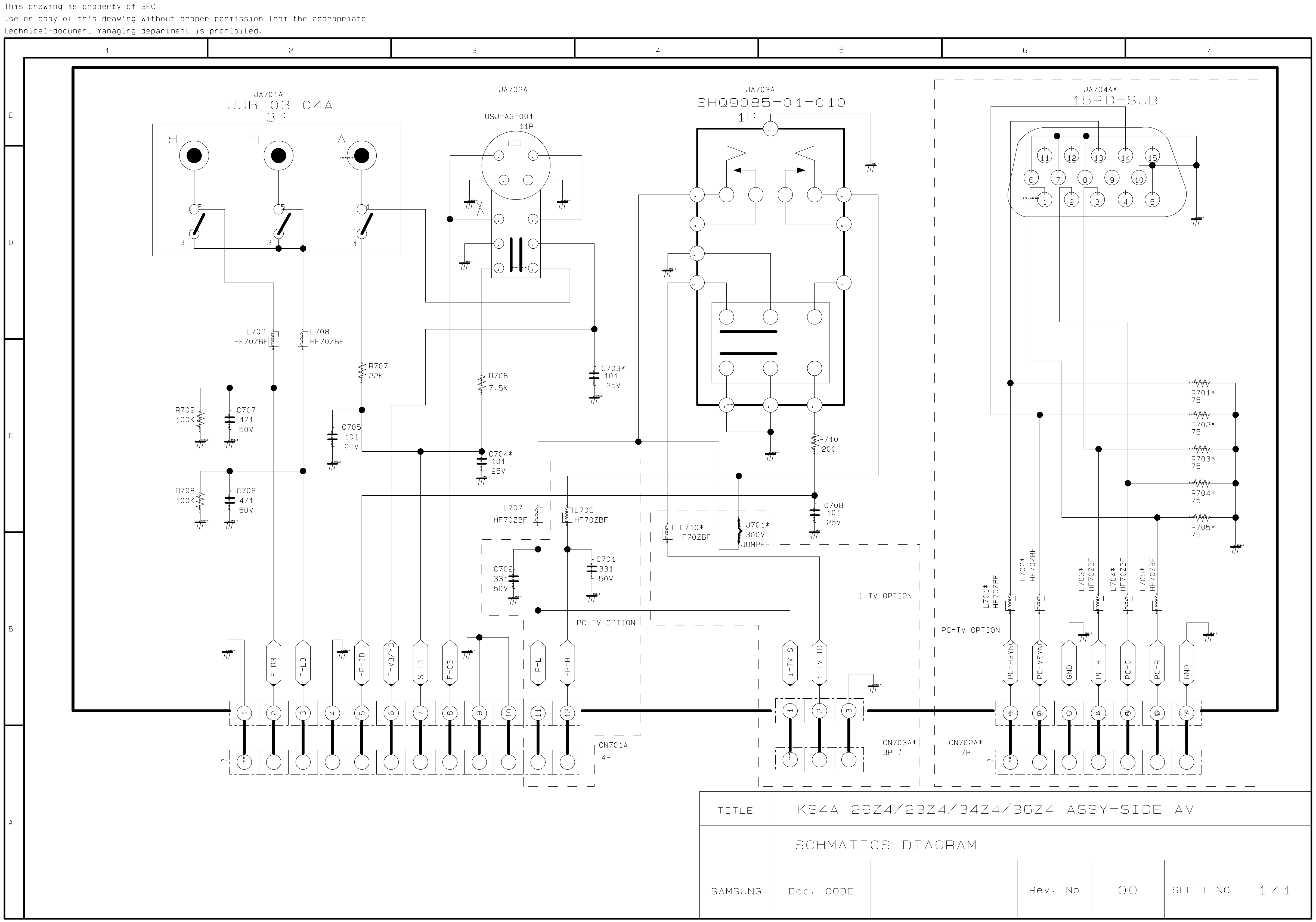
8-13 F-BOX(3/4)



8-14 F-BOX(4/4)


IC09*
74HC123
LCD OPTION
TITLE
KS4A 29Z4/32Z4/34Z4/36Z4 FEATURE-BOX
SCHMATICS DIAGRAM
SAMSUNG
Doc. CODE
Rev. No
SHEET NO
/
4/4

8-15 SIDE A/V


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JA701A
UJB-03-04A
3P
JA702A
USJ-AG-001
11P
JA703A
SHQ9085-01-010
1P
JA704A*
15PD-SUB
L709 HF70ZBF
L708 HF70ZBF
R707 22K
R706 7.5K
C703* 101 25V
R709 100K
C707 471 50V
C705 101 25V
C704* 101 25V
R710 200
R708 100K
C706 471 50V
L707 HF70ZBF
L706 HF70ZBF
L710* HF70ZBF
J701* 300V JUMPER
C708 101 25V
C702 331 50V
C701 331 50V
R701* 75
R702* 75
R703* 75
R704* 75
R705* 75
L701* HF70ZBF
L702* HF70ZBF
L703* HF70ZBF
L704* HF70ZBF
L705* HF70ZBF
PC-TV OPTION
i-TV OPTION
F-R3
F-L3
HP-ID
F-V3/Y3
S-ID
F-C3
HP-L
HP-R
i-TV S
i-TV ID
PC-HSYNC
PC-VSYNC
GND
PC-B
PC-G
PC-R
CN701A 4P
CN703A* 3P
CN702A* 7P
TITLE
KS4A 29Z4/23Z4/34Z4/36Z4 ASSY-SIDE AV
SCHMATICS DIAGRAM
SAMSUNG
Doc. CODE
Rev. No
00
SHEET NO
1 / 1